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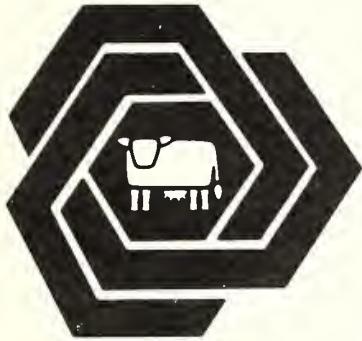
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JANUARY 1977 SUMMARY



# FEDERAL MILK ORDER MARKET STATISTICS

## JANUARY HIGHLIGHTS

MINIMUM CLASS I PRICE, \$10.38; BLEND, \$9.52

PRODUCER DELIVERIES UP 3.2 PERCENT

PRODUCER MILK USED IN CLASS I DOWN 3.2 PERCENT

58 PERCENT OF DELIVERIES USED IN CLASS I

IN-AREA FLUID MILK SALES (ADJUSTED) UP 0.7 PERCENT

\*  
\*  
\* Annual In-Area Fluid Milk Sales - See page 18 \*  
\*  
\* Producer-Handlers in Federal Milk Order Markets \*  
\* See page 35 \*  
\*  
\* How Federal Milk Order Market Statistics Are \*  
\* Developed and What they Mean - See page 42 \*  
\* \*

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FEDERAL MILK ORDER MARKET STATISTICS

Summary of prices, deliveries, and deliveries used in Class I

Year	No.	Number	Average of markets	Producer of producers	Change from prev. year 1/	Average deliveries per producer	Deliveries used in Class I utilization year 1/	Change from prev. year 1/	Deliveries used in Class I utilization year 1/	Change from prev. year 1/	Deliveries used in Class I utilization year 1/	Prices per 100 pounds (3.5 percent)
	No.	Number	Bil. lb.	Pct.		Pounds	Bil. lb.	Pct.	Pounds	Percent	Dollars	Dollars
1972	62	126,881	68.7	1.5	1,372	40.9	2.0	60	7.10	2.0	60	6.31
1973	61	131,565	66.2	-3.6	1,386	40.5	-1.0	61	8.03	0.3	61	7.31
1974	61	126,094	67.8	2.3	1,473	39.3	-3.0	58	9.35	2.1	58	8.36
1975	56	123,855	69.2	2.2	1,532	40.1	2.1	58	9.36	1.9	55	8.64
1976	50	122,770	74.6	7.4	1,659	41.0	1.9	55	10.70	7.4	55	9.75

1/ Percentages computed from unrounded pounds.

Year and month	No.	Number	Producer of producers	Change from prev. year 1/	Average daily deliveries per producer	Deliveries used in Class I	Change from prev. year 1/	Average daily deliveries per producer	Deliveries used in Class I	Change from prev. year 1/	Average daily deliveries per producer	Deliveries used in Class I	Prices per 100 pounds (3.5 percent)
	No.	Number	Bil. lb.	Pct.	Pounds	Bil. lb.	Pct.	Pounds	Bil. lb.	Percent	Dollars	Dollars	
1977: 2/	46	107,058	5.5	3.2	1,671	1,584	3.2	-2.2	58	62	10.38	10.96	9.52 : 10.22
Jan.	:	:	:	:	:	:	:	:	:	:	:	:	:
Feb.	:	:	:	:	:	:	:	:	:	:	:	:	:
Mar.	:	:	:	:	:	:	:	:	:	:	:	:	:
Apr.	:	:	:	:	:	:	:	:	:	:	:	:	:
May	:	:	:	:	:	:	:	:	:	:	:	:	:
June	:	:	:	:	:	:	:	:	:	:	:	:	:
July	:	:	:	:	:	:	:	:	:	:	:	:	:
Aug.	:	:	:	:	:	:	:	:	:	:	:	:	:
Sept.	:	:	:	:	:	:	:	:	:	:	:	:	:
Oct.	:	:	:	:	:	:	:	:	:	:	:	:	:
Nov.	:	:	:	:	:	:	:	:	:	:	:	:	:
Dec.	:	:	:	:	:	:	:	:	:	:	:	:	:
Year to date 3/	:	:	:	:	:	:	:	:	:	:	:	:	:

1/ Percentages computed from unrounded pounds.

2/ Excludes Upper Midwest, Tennessee Valley, Greater Louisiana, and New Orleans-Mississippi.

3/ Average or total.



Summary of milk, skim milk, and cream utilized in manufactured products and uses 1/

Year	BUTTER			CHEESE			FROZEN DESSERTS			COTTAGE CHEESE			SKIM MILK POWDER			TOTAL <u>2/</u>			
	No. of mkt.	Percent	Change:	Mil.	Percent	Change:	Mil.	Percent	Change:	Mil.	Percent	Change:	Mil.	Percent	Change:	Mil.	Percent		
	1lb.	over 1lb.	Bf.	1lb.	over 1lb.	Bf.	1lb.	over 1lb.	Bf.	1lb.	over 1lb.	Bf.	1lb.	over 1lb.	Bf.	1lb.	over 1lb.		
1972 <u>4/</u>	62	1,037	-2.5	41.9	7,162	13.1	2,626	0.9	11.0	4,864	14.3	1.24	6,672	-9.8	.06	29,950	4.4	4.28	
1973	61	1,952	-13.6	39.2	7,631	8.5	3,83	2,540	-3.2	10.9	4,535	-6.4	1.11	5,151	-22.5	.05	27,914	-4.0	4.29
1974	61	1,026	-2.4	37.2	10,878	41.3	3,78	2,534	3.8	11.3	4,046	-7.8	1.15	5,932	-15.3	.07	30,844	-10.6	4.28
1975 <u>5/</u>	55	907	-.8	38.9	10,322	9.1	3,82	2,657	16.7	11.5	3,233	-8.5	1.03	5,247	-1.2	.06	27,053	4.6	4.50

Year to date <u>4/</u>	BUTTER			CHEESE			FROZEN DESSERTS			COTTAGE CHEESE			SKIM MILK POWDER			TOTAL <u>2/</u>			
	No. of mkt.	Percent	Change:	Mil.	Percent	Change:	Mil.	Percent	Change:	Mil.	Percent	Change:	Mil.	Percent	Change:	Mil.	Percent		
	1lb.	over 1lb.	Bf.	1lb.	over 1lb.	Bf.	1lb.	over 1lb.	Bf.	1lb.	over 1lb.	Bf.	1lb.	over 1lb.	Bf.	1lb.	over 1lb.		
1976 <u>5/</u>	55	91	-2.0	39.5	903	16.8	4.03	164	5.3	13.0	: 254	-5.4	1.05	: 350	-14.3	.06	: 2,128	4.4	5.07
Jan.	55	82	-4.9	41.4	935	18.7	3.86	176	8.6	12.5	: 251	-5.5	1.08	: 399	-10.7	.09	: 2,204	5.2	4.79
Feb.	55	83	-4.2	41.8	1,082	11.0	3.77	236	22.8	11.9	: 306	-12.3	1.11	: 453	-12.6	.11	: 2,664	7.6	4.62
Mar.	54	84	-7.5	41.4	1,187	24.2	3.72	243	10.9	11.3	: 295	6.4	1.08	: 565	-3.0	.07	: 2,797	7.5	4.35
Apr.	54	91	1.1	318	1,318	16.4	3.61	243	-5.9	11.2	: 291	-4.4	1.11	: 686	-2.0	.07	: 3,096	5.2	4.35
May	54	80	10.6	40.5	1,322	16.8	3.57	282	2.0	11.1	: 307	10.3	1.13	: 702	7.5	.07	: 3,178	11.2	4.02
June <u>7/</u>	51	74	38.8	40.7	1,291	2L.3	3.50	289	-1.5	10.9	: 298	1.3	1.09	: 674	47.4	.07	: 3,070	17.5	3.96
July	51	68	51.9	40.3	1,159	31.6	3.54	272	4.1	11.4	: 293	21.9	1.13	: 550	45.5	.07	: 2,768	23.8	4.10
Aug.	51	65	34.5	41.5	967	46.8	3.74	228	2.7	12.1	: 274	13.7	1.01	: 394	81.3	.09	: 2,319	24.1	4.47
Sept.	51	80	33.9	42.2	1,001	49.8	3.92	197	-3.3	12.5	: 250	3.5	1.02	: 400	79.0	.09	: 2,301	23.7	4.79
Oct.	49	83	38.9	41.4	993	50.8	4.03	179	5.7	13.0	: 244	21.5	1.08	: 357	34.2	.09	: 2,207	29.2	5.00
Nov.	49	104	28.6	39.7	1,182	35.1	3.96	164	-6.6	12.6	: 226	12.7	1.14	: 515	26.1	.14	: 2,576	19.2	4.76

Year to date 4/ : --- 984 13.8 40.9 : 13,339 26.8 3.75 : 2,672 3.3 11.8 : 3,289 7.2 1.09 : 6,046 15.0 .08 : 31,209 14.1 4.46

1/ Includes producer milk and some other source milk used to produce manufactured dairy products in regulated pool plants as well as milk diverted and shipped to non-order plants for processing. Some data are partially estimated.

2/ Includes, in addition to listed manufactured products, milk, skim milk, and cream used in other manufactured dairy products, i.e. evaporated milk, condensed milk, whole milk powder, aerated, and frozen and plastic cream; and, milk, skim milk, and cream used in other food products as well as used in animal feed, dumped or spilled, plant loss and unidentified.

3/ Percentage changes over previous year are based on pounds of butterfat, except for skim milk powder which are based on pounds of product.

4/ Data for February adjusted to a 28-day basis before computing percentage changes.

5/ Excludes New York-New Jersey.

6/ The decreased number of markets reflects the merger of Boston Regional and Connecticut. See "Major Order Actions, April 1976" in FMOS - 196, April 1976.

7/ The decreased number of markets reflects the merger of Duluth-Superior, Minneapolis-St. Paul, Minnesota-North Dakota, and Southeastern Minnesota-Northern Iowa. See "Major Order Actions, June 1976" in FMOS - 198, June 1976.

8/ The decreased number of markets reflects the merger of Appalachian, Knoxville, and Chattanooga. See "Major Order Actions, October 1976" in FMOS - 202, October 1976.

Summary of packaged sales of fluid milk products in marketing areas defined by Federal milk orders 1/

Year	No. of comp. mkt.	Whole milk items 2/		Lowfat and skim milk items 3/		Total fluid milk items		Percent Change over previous year 4/	Mil. lb.	Mil. lb.	Percent Change over previous year 4/
		Mil.	Percent	Mil.	Percent	Mil.	Percent				
		lb.	Change over previous year 4/	lb.	Change over previous year 4/	lb.	Change over previous year 4/				
1973 6/	57	23,727	-3.1	-3.2	3.42	9,129	8.5	1.49	32,856	32,850	-0.2
1974 6/	57	22,243	-6.2	-6.2	3.41	9,724	6.5	1.49	31,967	31,957	-2.7
1975 7/	55	22,180	-0.9	-0.9	3.36	10,757	9.8	1.49	32,937	32,937	0.0
1976 8/	48	21,685	-3.0	-3.1	3.34	11,640	7.2	1.50	33,324	33,195	-0.2
1977 8/ January 2/	48	1,883	-6.3	-2.8	3.34	1,072	3.2	1.50	2,954	2,843	-3.1
February							7.6	1.50			0.7
March											
April											
May											
June											
July											
August											
September											
October											
November											
December											
Year to date											

1/ In-area sales represent total sales in each of the areas by handlers regulated under the respective orders, by handlers regulated under other orders, by partially regulated handlers, and by producer-handlers. Sales routes of handlers may extend outside defined marketing areas; therefore, some handler in-area sales are partially estimated.

2/ Plain, and flavored whole milk.

3/ Plain, fortified, and flavored skim and lowfat milk, and buttermilk.

4/ Percentages based on the same number of comparable markets in both years. Data for February 1976 adjusted to a 28-day basis before computing percentage changes.

5/ Adjusted to eliminate variations in data due to calendar composition and seasonality. See special article in FMOS - 196, April 1976.

6/ Excludes the New York-New Jersey, Fort Smith, Lake Head, Western Colorado, and Mississippi markets.

7/ Excludes the New York-New Jersey market.

8/ Excludes the New York-New Jersey and New Orleans-Mississippi markets.

9/ Estimated.

Table 1.—Federal order fluid differentials, February and March 1977; minimum Class I prices for milk of 3.5 percent butterfat content f.o.b. market or other indicated point and butterfat differentials, February 1976 and 1977; and Class I price, March 1976 and 1977

Marketing area	Fluid	:	Fluid	:
	diff.	:	diff.	:
	per	Class I price	Fat diff.	Class I price
	100 lb.	per 100 lb.	0.1¢	per 100 lb.
Marketing area	Marketing area			
1/	1/			
February	March			
1977 : 1977 : 1976 : 1977 : 1976	1977 : 1976 : 1977 : 1976 : 1976			
Dollars	Cents	Dollars		
NEW ENGLAND				
New England	2.98	: 11.23	: 12.06	: 10.4
				: 9.9
				: 11.17
				: 11.88
MIDDLE ATLANTIC				
New York-New Jersey	2.61	: 10.89	: 11.72	: 10.4
Middle Atlantic	2.78	: 11.03	: 11.86	: 10.4
				: 9.9
				: 10.83
				: 11.54
SOUTH ATLANTIC				
Tampa Bay	2.95	: 11.20	: 12.03	: 7.5
Southeastern Florida	3.15	: 11.40	: 12.23	: 7.5
Upper Florida	2.85	: 11.10	: 11.93	: 7.5
Georgia	2.30	: 10.55	: 11.38	: 10.4
				: 9.9
EAST NORTH CENTRAL				
Eastern Group				
Southern Michigan	1.60	: 9.85	: 10.68	: 10.3
Eastern Ohio-W. Pa.	1.85	: 10.10	: 10.93	: 10.4
Ohio Valley	1.70	: 9.95	: 10.78	: 10.4
				: 9.9
Western Group				
Michigan Upper Penin.	1.35	: 9.60	: 10.43	: 11.3
Michigan Regional	1.26	: 9.51	: 10.34	: 10.4
Louisville-Lex.-Evans.	1.70	: 9.95	: 10.57	: 10.4
Indiana	1.47	: 9.72	: 10.55	: 10.4
Southern Illinois	2.15	: 9.53	: 9.78	: 10.61
Central Illinois	1.39	: 9.64	: 10.47	: 10.4
				: 9.9
				: 9.54
				: 10.25
WEST NORTH CENTRAL				
Northern Group				
Upper Midwest	3/1.12	: 9.37	: 10.20	: 10.4
Eastern South Dakota	1.40	: 9.65	: 10.58	: 10.4
Black Hills	1.95	: 10.20	: 11.03	: 10.4
North Central Iowa	1.25	: 9.50	: 10.33	: 10.4
Cedar Rapids-I.C.	1.33	: 9.58	: 10.41	: 10.4
Quad Cities-Dubuque	1.33	: 9.58	: 10.41	: 10.4
Des Moines	1.40	: 9.65	: 10.48	: 10.4
Nebraska-Western Iowa	1.60	: 9.85	: 10.68	: 10.4
				: 9.9
				: 9.79
				: 10.50
				: 9.9
				: 9.93
				: 10.64
				: 9.84
				: 10.55
				: 9.99
				: 10.70
WEST NORTH CENTRAL -CON.				
Southern Group				
St. Louis-Ozarks				
Greater Kansas City				
Neosho Valley				
Wichita				
EAST SOUTH CENTRAL				
Paducah				
Nashville				
Memphis				
Tennessee Valley 3/				
WEST SOUTH CENTRAL				
Northern Group				
Central Arkansas				
Fort Smith				
Oklahoma Metropolitan				
Red River Valley				
Texas Panhandle				
Lubbock-Plainview				
Greater Louisiana				
New Orleans-Mississippi				
PACIFIC				
Eastern Colorado				
Great Basin				
Western Colorado				
Central Arizona				
Rio Grande Valley				
Lake Mead				
Puget Sound				
Inland Empire				
Oregon-Washington				

\* Generally the major city in the marketing area. See footnotes on table 2 for location.

1/ The basic formula price is the Minnesota-Wisconsin price for the second preceding month adjusted to a 3.5 percent butterfat content.

2/ Tied to the St. Louis-Ozarks order.

3) The data shown for the previous year represent what the prices would have been had the order been in effect at those times.

Tied to the Oklahoma Metropolitan order.

TABLE 2--FEDERAL ORDER MINIMUM CLASS AND BLEND PRICES FOR MILK OF 3.5 PERCENT BUTTERFAT CONTENT, F.O.B. MARKET OR OTHER INDICATED POINTS AND BUTTERFAT DIFFERENTIALS, JANUARY\*\*

MARKETING AREA	PRICES PER 100 POUNDS								FAT DIFFERENTIAL 0.1%			
	CLASS I		BLEND		CLASS II	CLASS III	CLASS I	CLASS II	CLASS III	BLEND		
	JAN 1977	JAN 1976	JAN 1977	JAN 1976	JANUARY 1977		JANUARY 1977					
DOLLARS												CENTS
NEW ENGLAND												
NEW ENGLAND 1/	11.24	11.82	10.22	2/10.86	8.28	---	10.4	10.4	---	---	10.4	
AVERAGE 2/	11.24	11.82	10.22	10.86	---	---	10.4	10.4	---	---	10.4	
MIDDLE ATLANTIC												
NEW YORK-NEW JERSEY 4/	10.90	11.48	9.66	5/10.37	8.30	---	10.4	10.4	---	---	10.4	
MIDDLE ATLANTIC 5/	11.04	11.62	6/9.98	6/10.74	8.24	---	10.4	10.4	---	---	10.4	
AVERAGE 2/	10.96	11.54	9.78	10.50	---	---	10.4	10.4	---	---	10.4	
SOUTH ATLANTIC												
TAMPA BAY	11.21	11.79	11.11	11.79	8.34	---	7.5	10.4	---	---	8.4	
SOUTHEASTERN FLORIDA 7/	11.41	11.99	11.35	11.96	8.34	8/4.11	7.5	10.4	10.4	8.4		
UPPER FLORIDA 9/	11.11	11.69	11.10	11.66	8.34	---	7.5	10.4	---	---	8.3	
GEORGIA 10/	10.56	11.14	10.07	10.81	8.29	8.19	10.4	10.4	10.4	10.4		
AVERAGE 2/	10.98	11.55	10.71	11.38	---	---	8.6	10.4	---	---	9.2	
EAST NCRTH CENTRAL												
EASTERN GROUP												
SOUTHERN MICHIGAN 11/	9.86	10.44	9.19	9.91	8.34	8.19	10.3	10.3	10.3	10.3		
EASTERN OHIO-WESTERN PA. 12/	10.11	10.69	13/9.41	13/10.10	8.29	8.19	10.4	10.4	10.4	10.4		
OHIO VALLEY 14/	9.96	10.54	9.37	10.08	8.29	8.19	10.4	10.4	10.4	10.4		
AVERAGE 2/	9.97	10.55	9.31	10.02	---	---	10.4	10.4	---	---	10.4	
WESTERN GROUP												
MICHIGAN UPPER PENINSULA 15/ 16/	9.61	10.19	8.98	9.55	8.19	---	11.4	10.4	---	---	10.9	
CHICAGO REGIONAL 17/	9.52	10.10	8.76	9.46	8.29	8.19	10.4	10.4	10.4	10.4		
LSVILLE-LXGTCN-EVNSVILLE	9.96	10.33	9.37	10.01	8.29	8.19	10.4	10.4	10.4	10.4		
INDIANA 18/	9.73	10.31	13/9.25	13/9.89	8.29	8.19	10.4	10.4	10.4	10.4		
SOUTHERN ILLINCS 19/	9.79	10.37	9.20	9.95	8.29	8.19	10.4	10.4	10.4	10.4		
CENTRAL ILLINOIS 20/	9.65	10.23	9.14	9.77	8.29	8.19	10.4	10.4	10.4	10.4		
AVERAGE 2/	9.65	10.21	8.92	9.61	---	---	10.4	10.4	---	---	10.4	
WEST NCRTH CENTRAL												
NORTHERN GROUP												
UPPER MIDWEST 21/	9.38	2/9.93	8.52	2/9.31	8.29	8.19	10.4	10.4	10.4	10.4	10.4	
EASTERN SOUTH DAKOTA 22/	9.66	10.34	8.96	9.66	8.29	8.19	10.4	10.4	10.4	10.4	10.4	
BLACK HILLS 23/	10.21	10.79	9.30	9.82	8.19	---	10.9	10.0	---	10.4		
NORTH CENTRAL IOWA 24/ 25/	9.51	10.09	9.21	9.95	8.29	8.19	10.4	10.4	10.4	10.4	10.4	
CEDAR RAPIDS - IOWA CITY	9.59	10.17	8.95	9.82	8.29	8.19	10.4	10.4	10.4	10.4	10.4	
QUAC CITIES - DUQUQUE 26/	9.59	10.17	8.84	9.53	8.29	8.19	10.4	10.4	10.4	10.4	10.4	
DES MOINES	9.66	10.24	9.00	9.70	8.29	8.19	10.4	10.4	10.4	10.4	10.4	
NEBRASKA - WESTERN IOWA 27/	9.86	10.44	13/9.01	13/9.76	8.29	8.19	10.4	10.4	10.4	10.4	10.4	
AVERAGE 2/	9.73	10.32	8.99	9.72	---	---	10.4	10.4	---	---	10.4	

\* Major city in the marketing area. \*\* All averages are weighted. 1/ Nearby plant zone price; Boston and Hartford are in this zone. Price at 201-210 mile zone: Class I and blend, 40 cents less; Class II, 5.8 cents less. 2/ Represents a weighted average price for the merged orders. 3/ Markets under regulation on January 1, 1977, and which have had no significant marketing area expansion. Excludes Upper Midwest, Tennessee Valley, Greater Louisiana, and New Orleans-Mississippi. 4/ New York metropolitan area. Price excludes a 5-cent direct delivery differential. Prices at 201-210 mile zone: Class I and blend, 24 cents less; Class II, eight cents less. 5/ Philadelphia, Baltimore, and Washington, D.C. Price excludes a 6-cent direct delivery differential applicable to milk delivered to Philadelphia. 6/ Blend price excludes a 7-cent deduction for the advertising and promotion program. 7/ Miami. 8/ Applies to the skim milk portion of all milk which is either disposed of for fertilizer or livestock feed or dumped. 9/ Jacksonville and Tallahassee. 10/ Atlanta. 11/ Detroit. Price excludes an 8-cent direct delivery differential applicable to milk delivered to Detroit. 12/ Zone I (Erie, Pennsylvania). Class I and blend price for zone 3 (Cleveland) plus 8 cents, for zone 4 (Pittsburgh) plus ten cents. 13/ Blend price excludes a 5-cent deduction for the advertising and promotion program. 14/ Central zone (Cincinnati and Columbus). Class I and blend price at Toledo (Northwestern zone) five cents less and at Charleston, West Virginia (Southeastern zone) 5 cents more. 15/ Zone 2 (Marquette). 16/ Weighted average of all handlers' blend prices at all locations, 1977-76. 17/ Zone I (Chicago). Class I and blend price at Milwaukee (Zone 4) 6 cents less. 18/ Indianapolis. 19/ Base zone (Alton). Class I and blend price at Carbondale (southeastern zone) seven cents more. 20/ Peoria. 21/ Zone I (Minneapolis, Rochester, and Duluth, Minnesota; Fargo, North Dakota, and Superior, Wisconsin. 22/ Sioux Falls. 23/ Rapid City, South Dakota. 24/ Zone I (Waterloo). 25/ Blend prices are weighted average of all handlers, 1977-76. 26/ Rock Island, Illinois. 27/ Zone I (Omaha).

TABLE 2.—FEDERAL ORDER MINIMUM CLASS AND BLEND PRICES FOR MILK OF 3.5 PERCENT BUTTERFAT CONTENT, F.O.8. MARKET OR OTHER INDICATED POINT\*, AND BUTTERFAT DIFFERENTIALS, JANUARY\*\* -CON.

MARKETING AREA	PRICES PER 100 POUNDS								FAT DIFFERENTIAL 0.1%					
	CLASS I		BLEND		CLASS	CLASS	CLASS	CLASS	I	II	III	BLEND		
	JAN 1977	JAN 1976	JAN 1977	JAN 1976	JANUARY 1977		JANUARY 1977							
DOLLARS												CENTS		
WEST NORTH CENTRAL -CON.														
SOUTHERN GROUP														
ST LOUIS - CZARKS 28/	9.86	10.44	13/9.30	13/9.94	8.29	8.19	10.4	10.4	10.4	10.4	10.4			
GREATER KANSAS CITY 29/	10.00	10.58	13/9.18	13/10.06	8.29	8.19	10.4	10.4	10.4	10.4	10.4			
NEOSHIC VALLEY 30/	9.91	10.49	13/9.63	13/10.25	8.29	8.19	10.4	10.4	10.4	10.4	10.4			
WICHITA 31/	10.06	10.64	13/9.28	13/10.14	8.29	8.19	10.4	10.4	10.4	10.4	10.4			
AVERAGE 2/	9.92	10.50	9.26	10.00	---	---	10.4	---	---	---	10.4			
EAST SOUTHERN CENTRAL														
PADUCAH	9.96	10.54	9.61	10.95	8.29	8.19	10.4	10.4	10.4	10.4	10.4			
NASHVILLE	10.11	10.42	9.34	9.95	8.29	8.19	10.4	10.4	10.4	10.4	10.4			
MEMPHIS 25/	10.20	10.78	13/9.90	13/10.57	8.29	8.19	10.4	10.4	10.4	10.4	10.4			
TENNESSEE VALLEY 32/	10.36	10.90	9.87	12/10.53	8.29	8.19	10.4	10.4	10.4	10.4	10.4			
AVERAGE 2/	10.12	10.57	9.55	10.27	---	---	10.4	---	---	---	10.4			
WEST SOUTHERN CENTRAL														
NORTHERN GROUP 33/														
CENTRAL ARKANSAS 34/	10.20	10.78	13/9.93	13/10.59	8.29	8.19	10.4	10.4	10.4	10.4	10.4			
OKLAHOMA METROPOLITAN 35/	10.24	10.82	13/9.73	13/10.42	8.29	8.19	10.4	10.4	10.4	10.4	10.4			
RED RIVER VALLEY 36/	10.46	11.04	13/9.98	13/10.57	8.29	8.19	10.4	10.4	10.4	10.4	10.4			
TEXAS PANHANDLE 37/	10.51	11.09	13/10.25	13/10.86	8.29	8.19	10.4	10.4	10.4	10.4	10.4			
LUBBOCK - PLAINVIEW	10.68	11.26	13/10.32	13/11.02	8.29	8.19	10.4	10.4	10.4	10.4	10.4			
AVERAGE 3/	10.30	10.88	9.87	10.54	---	---	10.4	---	---	---	10.4			
SOUTHERN GROUP														
GREATER LOUISIANA 38/	10.73	11.31	10.32	11.01	8.29	8.19	10.4	10.4	10.4	10.4	10.4			
NEW ORLEANS-MISSISSIPPI 39/	11.11	11.69	10.50	10.86	8.29	8.19	10.4	10.4	10.4	10.4	10.4			
TEXAS 40/	10.58	11.16	13/10.04	13/10.69	8.29	8.19	10.4	10.4	10.4	10.4	10.4			
AVERAGE 3/	10.58	11.16	10.04	10.69	---	---	10.4	---	---	---	10.4			
MOUNTAIN														
EASTERN COLORADO 41/	10.56	11.14	9.93	10.50	8.34	8.19	11.8	10.9	10.9	10.9	11.4			
GREAT EASIN 42/	10.16	10.74	9.36	9.91	8.34	8.19	10.9	10.4	10.4	10.4	10.6			
WESTERN COLORADO 43/	10.26	10.84	10.02	10.42	8.24	8.19	10.9	10.9	10.9	10.9	10.9			
CENTRAL ARIZONA 44/	10.78	11.36	9.92	10.58	8.29	8.19	10.4	10.4	10.4	10.4	10.4			
RIO GRANDE VALLEY 45/	10.61	11.19	13/10.14	13/10.76	8.29	8.19	10.4	10.4	10.4	10.4	10.4			
LAKE MEAD 46/	9.86	10.44	9.46	10.00	8.34	8.19	10.9	10.4	10.4	10.4	10.7			
AVERAGE 3/	10.50	11.09	9.80	10.40	---	---	11.0	---	---	---	10.8			
PACIFIC														
PUGET SOUND 47/	10.11	10.69	9.06	9.55	8.44	8.19	10.4	10.4	10.4	10.4	10.4			
INLAND EMPIRE 48/	10.21	10.79	9.26	9.85	8.44	8.19	11.2	10.4	10.4	10.4	10.7			
DODGEON - WASHINGTON 49/	10.21	10.79	9.43	9.85	8.44	8.19	10.9	10.4	10.4	10.4	10.6			
AVERAGE 3/	10.17	10.75	9.23	9.70	---	---	10.7	---	---	---	10.5			
45-MARKET AVERAGE 3/ 33/	10.38	10.96	9.52	10.22	20/ 8.31	---	10.3	---	---	---	10.4			
ALL-MARKET AVERAGE	10.36	10.93	9.46	10.17	20/ 8.31	---	10.3	---	---	---	10.4			

28/ Zone I (St. Louis and Springfield). 29/ Kansas City and Topeka. 30/ Pittsburg, Kansas. 31/ Zone I (Wichita). 32/ Bristol, Chattanooga, and Knoxville. 33/ Excludes Fort Smith. Fewer than three handlers. Fort Smith prices: Class I 1977, \$10.21 and 1976, \$10.79; Blend 13/ 1977, \$9.99 and 1976, \$10.58; Class II 1977, \$8.29 and 1976, \$9.00; Class III 1977, \$8.19 and 1976, \$8.90. Fat differential: Class I 1977, 10.4¢ and 1976, 9.9¢; Class II 10.4¢ and 1976, 9.9¢; Class III 1977, 10.4¢ and 1976, 9.9¢; Blend 1977, 10.4¢ and 1976, 9.9¢. 34/ Little Rock. 35/ Oklahoma City. 36/ Wichita Falls, Texas. 37/ Amarillo. 38/ Monroe and Shreveport. 39/ Zone I (New Orleans). 40/ Zone I (Dallas). Class I prices at other points in the marketing area: Abilene, plus 25 cents; Houston, plus 36 cents; San Antonio, plus 42 cents; and Mercedes, plus 75 cents. 41/ Denver. 42/ Salt Lake City, Utah. 43/ Grand Junction. 44/ Phoenix. 45/ Albuquerque, Santa Fe, and El Paso. 46/ Las Vegas, Nevada. 47/ District I (Seattle). 48/ Spokane, Washington. 49/ Portland. 50/ A weighted average price for milk in excess of Class I needs, calculated as follows: (producer deliveries used in Class II times the Class II price) plus (producer deliveries used in Class III times the Class III price) divided by (total producer deliveries in excess of Class I needs).

TABLE 3--NUMBER OF PRODUCERS DELIVERING MILK TO HANOLERS REGULATED UNDER FEDERAL ORDERS, TOTAL DELIVERIES, AND AVERAGE DAILY DELIVERIES PER PRODUCER, JANUARY

MARKETING AREA	NUMBER OF PRODUCERS		PRODUCER DELIVERIES			AVERAGE BUTTERFAT PERCENTAGE OF MILK DELIVERIES		AVERAGE DAILY DELIVERIES PER PRODUCER	
	JAN 1977	CHANGE FROM JAN 1976	JAN 1977	JAN 1976	CHANGE FROM JAN 1976	JAN 1977	JAN 1976	JAN 1977	JAN 1976
	NUMBER	1,000 LBS.		PERCENT	PERCENT		POUNDS		
NEW ENGLAND									
NEW ENGLAND	8,102	278-	405,965	416,242	2.5-	3.75	3.75	1,616	1,602
AVERAGE OR TOTAL 1/	8,102	278-	405,965	416,242	2.5-	3.75	3.75	—	—
MIDDLE ATLANTIC									
NEW YORK-NEW JERSEY	19,019	406-	761,323	771,998	1.4-	3.69	3.67	1,291	1,282
MIDDLE ATLANTIC	7,979	176-	464,977	431,045	7.9	3.90	3.87	1,880	1,705
AVERAGE OR TOTAL 1/	26,998	582-	1,226,300	1,203,043	1.9	3.77	3.74	—	—
SOUTH ATLANTIC									
TAMPA BAY	119	6	49,128	46,277	6.2	3.57	3.50	12,397	11,884
SOUTHEASTERN FLORIDA	72	99-	63,900	67,272	5.0-	3.76	3.63	28,655	12,677
UPPER FLORIDA	185	6	57,976	56,094	3.4	3.55	3.49	10,550	10,884
GEORGIA	1,221	77-	128,801	128,617	.1	3.90	3.84	3,403	3,196
AVERAGE OR TOTAL 1/	1,597	164-	299,805	298,260	.5	3.75	3.67	—	—
EAST NORTH CENTRAL									
EASTERN GROUP									
SOUTHERN MICHIGAN	6,971	192-	339,233	328,657	3.2	3.90	3.84	1,570	1,480
EASTERN OHIO-WESTERN PA.	7,566	279-	280,492	280,245	.1	3.88	3.82	1,196	1,152
OHIO VALLEY	6,267	36-	249,050	232,798	7.0	4.00	3.93	1,282	1,191
AVERAGE OR TOTAL 1/	20,804	507-	868,775	841,700	3.2	3.92	3.86	—	—
WESTERN GROUP									
MICHIGAN UPPER PENINSULA	225	15-	7,761	7,823	.8-	3.75	3.77	1,113	1,051
CHICAGO REGIONAL	17,163	547-	824,438	793,272	3.9	3.87	3.80	1,550	1,445
LSVILLE-LXGTCH-EVNSVILLE	2,312	55-	97,433	94,875	2.7	4.02	3.95	1,359	1,293
INDIANA	4,072	38-	183,646	174,293	5.4	4.00	3.94	1,455	1,368
SOUTHERN ILLINOIS	2,050	69-	98,707	89,969	9.7	3.88	3.85	1,553	1,370
CENTRAL ILLINOIS	482	34-	22,019	19,958	10.3	3.98	3.98	1,474	1,248
AVERAGE OR TOTAL 1/	26,304	758-	1,234,004	1,180,190	4.6	3.90	3.84	—	—
WEST NORTH CENTRAL									
NORTHERN GROUP									
UPPER MIDWEST 2/	13,174	4,431	600,161	367,831	63.2	3.77	3.74	1,470	1,357
EASTERN SOUTH DAKOTA	486	0	24,507	23,285	5.2	3.78	3.70	1,682	1,602
BLACK HILLS	99	5-	5,468	5,449	.3	3.88	3.77	2,084	1,896
NORTH CENTRAL IOWA	232	5-	10,690	9,923	7.7	3.89	3.90	1,714	1,539
CEDAR RAPIDS - IOWA CITY	420	108	18,558	12,508	48.4	3.92	3.87	1,623	1,319
QUAC CITIES - OBUQUE	775	32-	34,371	32,635	5.3	3.84	3.88	1,479	1,371
DES MOINES	1,354	25-	61,083	54,442	12.2	3.95	3.93	1,477	1,330
NEBRASKA - WESTERN IOWA	1,776	33	98,354	89,556	9.8	3.92	3.92	1,844	1,708
AVERAGE OR TOTAL 1/	5,142	74	253,031	227,798	11.1	3.90	3.89	—	—

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TABLE 2.-NUMBER OF PRODUCERS DELIVERING MILK TO HANDLERS REGULATED UNDER FEDERAL ORDERS, TOTAL DELIVERIES, AND AVERAGE DAILY DELIVERIES PER PRODUCER, JANUARY -CON.

MARKETING AREA	NUMBER OF PRODUCERS		PRODUCER DELIVERIES			AVERAGE BUTTERFAT PERCENTAGE OF MILK DELIVERIES		AVERAGE DAILY DELIVERIES PER PRODUCER	
	JAN 1977	CHANGE FROM JAN 1976	JAN 1977	JAN 1976	CHANGE FROM JAN 1976	JAN 1977	JAN 1976	JAN 1977	JAN 1976
	NUMBER		1,000 LBS.		PERCENT		PERCENT		POUNDS
<b>WEST NORTH CENTRAL -CON.</b>									
SOUTHERN GROUP									
ST LOUIS - OZARKS	3,019	88	151,973	135,067	12.5	3.97	3.89	1,624	1,487
GREATER KANSAS CITY	1,665	45-	84,690	80,152	5.7	3.90	3.85	1,704	1,527
NEOSHO VALLEY	31	5-	593	730	18.8-	3.98	3.90	1,694	1,659
WICHITA	552	24	30,376	24,212	25.4	3.90	3.86	2,136	1,914
AVERAGE OR TOTAL <sup>1/</sup>	5,267	62	267,632	240,161	11.4	3.94	3.87	—	—
EAST SCLTH CENTRAL									
PADUCAH	218	8	10,570	9,775	8.1	4.04	4.17	1,564	1,502
NASHVILLE	889	23-	49,393	46,655	5.9	3.98	3.94	1,792	1,650
MEMPHIS	534	48	27,035	26,711	1.2	3.97	3.90	1,842	1,946
TENNESSEE VALLEY <sup>2/</sup>	1,915	120	96,022	86,652	10.8	4.05	3.94	1,617	1,557
AVERAGE OR TOTAL <sup>1/</sup>	1,701	33	86,998	83,141	4.6	3.98	3.95	—	—
WEST SCLTH CENTRAL									
NORTHERN GROUP									
CENTRAL ARKANSAS -FORT SMITH <sup>4/</sup>	759	109	30,085	29,526	1.9	3.76	3.71	1,883	1,791
OKLAHOMA METROPOLITAN	1,371	33-	62,421	56,636	10.2	3.82	3.76	1,968	1,766
RED RIVER VALLEY	369	123	16,390	12,180	34.6	3.72	3.71	1,907	1,716
TEXAS PANHANDLE	190	40	7,123	6,437	10.6	3.64	3.70	2,689	2,386
LUBBOCK - PLAINVIEW	134	33	6,680	6,385	4.6	3.74	3.74	4,338	4,567
AVERAGE OR TOTAL <sup>1/</sup>	2,823	272	122,699	111,164	10.4	3.78	3.74	—	—
SOUTHERN GROUP									
GREATER LOUISIANA	743	517	51,381	20,179	154.6	3.87	3.92	2,231	2,880
NEW ORLEANS-MISSISSIPPI	1,791	824	91,704	47,683	92.3	3.82	3.76	1,699	1,677
TEXAS	3,516	335-	274,272	288,033	4.8-	3.80	3.72	2,516	2,413
AVERAGE OR TOTAL <sup>1/</sup>	3,516	335-	274,272	288,033	4.8-	3.80	3.72	—	—
MOUNTAIN									
EASTERN COLORADO	1,002	156-	69,646	66,737	4.4	3.77	3.83	2,242	1,859
GREAT EASIN	745	33-	58,930	56,335	4.6	3.77	3.82	2,552	2,336
WESTERN COLORADO	59	7	4,816	4,172	15.4	3.80	3.89	2,633	2,588
CENTRAL ARIZONA	162	8	67,305	68,396	1.6-	3.75	3.76	14,241	14,327
RIO GRANDE VALLEY	215	9	34,593	34,589	0	3.59	3.69	8,569	7,775
LAKE MEAD	48	5	10,740	10,026	7.1	3.67	3.61	7,218	7,521
AVERAGE OR TOTAL <sup>1/</sup>	2,231	160-	246,030	240,255	2.4	3.74	3.78	—	—
PACIFIC									
PUGET SOUND	1,259	43-	131,794	124,888	5.5	3.87	3.83	3,377	3,094
INLAND EMPIRE	315	8-	21,323	19,274	10.6	3.99	3.94	2,184	1,925
OREGON - WASHINGTON	999	33-	107,562	101,914	5.5	3.96	3.97	3,473	3,186
AVERAGE OR TOTAL <sup>1/</sup>	2,573	84-	260,679	246,076	5.9	3.92	3.90	—	—
46-MARKET AVG. OR TOTAL <sup>1/</sup>	107,058	2,427-	5,546,190	5,376,063	3.2	3.84	3.80	1,671	1,584
ALL-MARKET AVG. OR TOTAL	124,631	3,465	6,385,458	5,898,408	8.2	3.84	3.80	1,653	1,570

<sup>1/</sup> Based on markets where orders were effective entire period, 1976-77, and which have had no significant marketing area expansions. Excludes Upper Midwest, Tennessee Valley, Greater Louisiana, and New Orleans-Mississippi.

<sup>2/</sup> Data for the previous year represent the summation of the four orders merged to form Upper Midwest.

<sup>3/</sup> Data for the previous year represent the summation of the three orders merged to form Tennessee Valley.

<sup>4/</sup> The data for the Central Arkansas and Fort Smith markets have been combined in order to mask restricted data.

TABLE 4.-PRODUCER MILK DELIVERIES USED IN CLASS I AND GROSS CLASS I SALES BY HANDLERS REGULATED UNDER FEDERAL DROERS, JANUARY

MARKETING AREA	PRODUCER DELIVERIES USED IN CLASS I				% USED IN CL. I		GROSS CLASS I *		DELIVERIES AS % OF GR. CL. I	
	JAN 1977	JAN 1976	CHANGE FROM JAN 1976	PERCENT	JAN 1977	JAN 1976	JAN 1977	CHANGE FRDM JAN 1976	JAN 1977	JAN 1976
					1,000 POUNDS	PERCENT	1,000 LBS	PERCENT	PERCENT	PERCENT
NEW ENGLAND										
NEW ENCLANC	255,707	263,471	2.9-	63	63	256,075	2.8-	158	158	
AVERAGE DR TOTAL 1/	255,707	263,471	2.9-	63	63	---	---	---	---	
MIDDLE ATLANTIC										
NEW YORK-NEW JERSEY	392,022	414,062	5.3-	51	54	392,022	5.3-	194	186	
MIDDLE ATLANTIC	286,630	296,599	3.4-	62	69	300,568	3.8-	155	138	
AVERAGE OR TOTAL 1/	678,652	710,661	4.5-	55	59	---	---	---	---	
SOUTH ATLANTIC										
TAMPA EAY	43,615	42,414	2.8	89	92	44,253	.4-	111	104	
SOUTHEASTERN FLDRIDA	58,152	61,599	5.6-	91	92	60,176	5.6-	106	105	
UPPER FLDRIDA	52,798	51,617	2.3	91	92	54,664	2.2	106	105	
GEORGIA	100,636	109,317	7.9-	78	85	103,292	8.2-	125	114	
AVERAGE DR TOTAL 1/	255,201	264,947	3.7-	85	89	---	---	---	---	
EAST NCRTH CENTRAL										
EASTERN GRUP										
SOUTHERN MICHIGAN	198,216	211,047	6.1-	58	64	198,639	6.0-	171	155	
EASTERN OHIO-WESTERN PA.	185,198	193,514	4.3-	66	69	185,991	4.6-	151	144	
OHIC VALLEY	163,113	163,038	0	65	70	167,921	3.0-	148	134	
AVERAGE DR TOTAL 1/	546,527	567,599	3.7-	63	67	---	---	---	---	
WESTERN GRUP										
MICHIGAN UPPER PENINSULA	4,550	4,524	.6	59	58	4,775	10.7-	162	146	
CHICAGC REGIONAL	266,710	286,838	7.0-	32	36	266,938	7.3-	309	275	
LSVILLE-LXGTON-EVNSVILLE	64,662	72,884	11.6-	66	77	64,856	12.8-	150	128	
INDIANA	124,697	121,492	2.6	68	70	133,076	3.9	138	136	
SOUTHERN ILLINOIS	51,575	56,628	8.9-	52	63	53,042	7.0-	186	158	
CENTRAL ILLINOIS	13,757	12,333	11.5	62	62	13,917	3.5	158	148	
AVERAGE DR TOTAL 1/	525,751	554,699	5.2-	43	47	---	---	---	---	
WEST NCRTH CENTRAL										
NORTHERN GROUP										
UPPER MIOWEST 2/	136,348	129,560	5.2	23	35	136,930	5.2	438	282	
EASTERN SOUTH DAKOTA	11,565	11,898	2.8-	47	51	11,668	3.8-	210	192	
BLACK HILLS	3,130	3,449	9.2-	57	63	3,259	7.6-	168	154	
NORTH CENTRAL IDWA	8,141	8,701	6.4-	76	88	8,141	6.4-	131	114	
CEAR RAPIDS - IDWA CITY	10,186	9,024	12.9	55	72	11,000	15.3	169	131	
QUAD CITIES - OBUQUE	14,932	14,810	.8	43	45	15,380	3.3	223	219	
DES MCINES	29,568	29,293	.9	48	54	29,569	.7	206	185	
NEBRASKA - WESTERN IDWA	49,118	50,948	3.6-	50	57	49,196	3.9-	200	175	
AVERAGE OR TOTAL 1/	126,640	128,123	1.2-	50	56	---	---	---	---	

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TABLE 4—PRODUCER MILK DELIVERIES USED IN CLASS I AND GROSS CLASS I SALES BY HANDLERS REGULATED UNDER FEDERAL ORDERS, JANUARY—CON.

MARKETING AREA	PRODUCER DELIVERIES USED IN CLASS I			% USED IN CL. I		GROSS CLASS I *		DELIVERIES AS % OF GR. CL. I	
	JAN 1977	JAN 1976	CHANGE FRDM JAN 1976	JAN 1977	JAN 1976	JAN 1977	CHANGE FROM JAN 1976	JAN 1977	JAN 1976
	1,000蒲尼	PERCENT	PERCENT	1,000蒲尼	PERCENT	1,000蒲尼	PERCENT	1,000蒲尼	PERCENT
<b>WEST NCRTH CENTRAL —CON.</b>									
SOUTHERN GROUP									
ST LOUIS - DZARKS	106,949	96,639	10.7	70	72	111,534	7.3	136	130
GREATER KANSAS CITY	45,622	53,940	15.4-	54	67	45,929	17.0-	184	145
NEOSHIC VALLEY	512	632	19.0-	86	86	514	20.8-	115	112
WICHITA	18,164	17,245	5.3	60	71	18,367	2.4	165	135
AVERAGE OR TOTAL <u>1/</u>	171,247	168,456	1.6	64	70	---	---	---	---
<b>EAST SCLTH CENTRAL</b>									
PAUDCAT	8,343	8,527	2.2-	79	87	8,455	17.0-	125	96
MASHVILLE	28,739	30,082	4.5-	58	64	29,430	11.2-	168	141
MEMPHIS	22,701	24,178	6.1-	84	90	26,042	7.5-	104	95
TENNESSEE VALLEY <u>2/</u>	72,786	72,708	.1	76	84	72,883	1.3-	132	117
AVERAGE OR TOTAL <u>1/</u>	59,783	62,787	4.8-	69	76	---	---	---	---
<b>WEST SCLTH CENTRAL</b>									
NORTHERN GROUP									
CENTRAL ARKANSAS -PORT SMITH <u>4/</u>	26,821	26,945	.5-	89	91	28,601	4.2-	105	99
OKLAHOMA METROPOLITAN	47,554	44,513	6.8	76	78	49,451	5.3	126	121
RED RIVER VALLEY	12,948	9,486	36.5	79	78	12,987	32.9	126	125
TEXAS PANHANDLE	6,440	5,857	10.0	90	91	6,481	4.0-	110	95
LUBBDCK - PLAINVIEW	5,788	5,678	1.9	87	89	5,788	3.9-	115	106
AVERAGE DR TOTAL <u>1/</u>	99,551	92,479	7.6	81	83	---	---	---	---
<b>SOUTHERN GROUP</b>									
GREATER LOUISIANA	43,441	17,685	145.6	84	88	45,659	152.7	112	112
NEW ORLEANS-MISSISSIPPI	70,368	32,083	119.3	77	67	75,026	130.9	122	147
TEXAS	217,505	229,744	5.3-	79	80	219,319	5.1-	125	125
AVERAGE OR TOTAL <u>1/</u>	217,505	229,744	5.3-	79	80	---	---	---	---
<b>MOUNTAIN</b>									
EASTERN COLORADD	50,689	52,454	3.4-	73	78	54,324	1.9-	128	120
GREAT EASIN	35,177	33,878	3.8	60	60	36,157	2.6	163	160
WESTERN COLORADO	4,195	3,598	16.6	87	86	4,400	18.5	109	112
CENTRAL ARIZCNA	44,465	46,550	4.5-	66	68	44,465	4.5-	151	147
RIO GRANDE VALLEY	28,171	28,382	.7-	81	82	28,297	1.3-	122	120
LAKE MEAD	7,600	7,366	3.2	71	73	7,623	1.3	141	133
AVERAGE OR TOTAL <u>1/</u>	170,297	172,228	1.1-	69	72	---	---	---	---
<b>PACIFIC</b>									
PUGET SOUND	56,745	54,859	3.4	43	44	59,388	3.1	222	217
INLAND EMPIRE	11,514	12,672	9.1-	54	66	11,542	11.6-	185	148
OREGON - WASHINGTON,	65,366	65,362	.6	61	64	68,689	.4-	156	148
AVERAGE OR TOTAL <u>1/</u>	133,625	132,893	.6	51	54	---	---	---	---
46-MARKET AVG. OR TOTAL <u>1/</u>	3,240,486	3,348,087	3.2-	58	62	---	---	---	---
ALL MARKET AVG. DR TDTAL	3,563,429	3,600,123	1.0-	56	61	---	---	---	---

\* Preliminary.

1/ Based on markets where orders were effective entire period, 1976-77, and which have had no significant marketing area expansions. Excludes Upper Midwest, Tennessee Valley, Greater Louisiana, and New Orleans-Mississippi.

2/ Data for the previous year represent the summation of the four orders merged to form Upper Midwest.

3/ Data for the previous year represent the summation of the three orders merged to form Tennessee Valley.

4/ The data for the Central Arkansas and Fort Smith markets have been combined in order to mask restricted data.

Table 5.—Producer milk deliveries used in Class II by handlers regulated under Federal orders which have three classes of utilization, January with comparisons 1/

Marketing area	Producer deliveries used in Class II			Percent used in Class II		
	Jan. 1977	:	Jan. 1976	:	Jan. 1977	:
	<u>1,000 lb.</u>			<u>Percent</u>		
SOUTH ATLANTIC						
Georgia	6,720	:	6,178	:	5.2	:
EAST NORTH CENTRAL						
Eastern Group						
Southern Michigan	21,411	:	22,191	:	6.3	:
Eastern Ohio-W. Pa.	15,514	:	16,669	:	5.5	:
Ohio Valley	18,988	:	17,238	:	7.6	:
Western Group						
Chicago Regional	88,758	:	86,721	:	10.8	:
Louis.-Lex.-Evans.	4,114	:	4,495	:	4.2	:
Indiana	19,129	:	23,929	:	10.4	:
Southern Illinois	7,646	:	8,679	:	7.7	:
Central Illinois	682	:	1,656	:	3.1	:
WEST NORTH CENTRAL						
Northern Group						
Upper Midwest 2/	22,486	:	18,555	:	3.7	:
Eastern South Dakota	3,177	:	2,711	:	13.0	:
North Central Iowa	1,787	:	1,003	:	16.7	:
Cedar Rapids-Iowa City	112	:	115	:	.6	:
Quad Cities-Dubuque	2,980	:	2,807	:	8.7	:
Des Moines	3,976	:	3,886	:	6.5	:
Nebraska-Western Iowa	8,480	:	9,341	:	8.6	:
Southern Group						
St. Louis-Ozarks	14,158	:	15,620	:	9.3	:
Greater Kansas City	11,997	:	11,866	:	14.2	:
Neosho Valley	11	:	11	:	1.9	:
Wichita	2,594	:	2,108	:	8.5	:

Continued

Table 5.—Producer milk deliveries used in Class II by handlers regulated under Federal orders which have three classes of utilization, January with comparisons 1/  
—Continued

Marketing area	Producer deliveries used in Class II			Percent used in Class II		
	Jan. 1977	Jan. 1976		Jan. 1977	Jan. 1976	
	<u>1,000 lb.</u>			<u>Percent</u>		
EAST SOUTH CENTRAL						
Paducah	929	1,026		8.8	10.5	
Nashville	1,439	2,070		2.9	4.4	
Memphis	2,368	1,873		8.8	7.0	
Tennessee Valley <u>2/</u>	8,903	11,411		9.3	13.2	
WEST SOUTH CENTRAL						
Northern Group						
Central Arkansas-						
Fort Smith <u>4/</u>	1,352	1,036		4.5	3.5	
Oklahoma Metropolitan	6,632	6,208		10.6	11.0	
Red River Valley	1,545	1,262		9.4	10.4	
Texas Panhandle	484	539		6.8	8.4	
Lubbock-Plainview	142	208		2.1	3.3	
Southern Group						
Greater Louisiana	2,283	741		4.4	3.7	
New Orleans-Mississippi	7,112	4,716		7.8	9.9	
Texas	27,193	29,372		9.9	10.2	
MOUNTAIN						
Eastern Colorado	6,583	6,224		9.5	9.3	
Great Basin	3,767	3,908		6.4	6.9	
Western Colorado	0	89		0	2.1	
Central Arizona	8,957	8,812		13.3	12.9	
Rio Grande Valley	4,108	3,950		11.9	11.4	
Lake Mead	455	512		4.2	5.1	
PACIFIC						
Puget Sound	16,580	17,660		12.6	14.1	
Inland Empire	1,973	2,021		9.3	10.5	
Oregon-Washington	13,053	13,566		12.1	13.3	

1/ Excludes Southeastern Florida; Class III only applies to the skim milk portion of all milk disposed of for fertilizer or livestock feed or dumped.

2/ The monthly data for the previous year represent the summation of the four orders merged to form Upper Midwest.

3/ The monthly data for the previous year represent Chattanooga. Appalachian and Knoxville had only two classes.

4/ The data for the Central Arkansas and Fort Smith markets have been combined in order to mask restricted data.

TABLE 6--WHOLE MILK, LDW FAT AND SKIM MILK ITEMS SOLD IN MARKETING AREAS DEFINED BY FEDERAL MILK ORDERS FOR MARKETS WHERE SUCH INFORMATION IS AVAILABLE, DECEMBER 1976 WITH COMPARISONS 1/

MARKETING AREA	WHOLE MILK 2/				LOWFAT AND SKIM MILK ITEMS 3/				TOTAL				
	DECEMBER 1976		CHANGE 1976 FROM 1975		DECEMBER 1976		CHANGE 1976 FROM 1975		DECEMBER 1976		CHANGE 1976 FROM 1975		
	DAILY AVG	BUTTER-FAT CONTENT	DEC.	YEAR TO DATE 4/	DAILY AVG	BUTTER-FAT CONTENT	DEC.	YEAR TO DATE 4/	DAILY AVG	BUTTER-FAT CONTENT	DEC.	YEAR TO DATE 4/	
	1,000 Lbs.		PERCENT		1,000 Lbs.		PERCENT		1,000 Lbs.		PERCENT		
NEW ENGLAND NEW ENGLAND 5/	6,845	3.42	-	3.0 - 3.2	1,520	.98	16.2	12.8	8,366	2.97	0 - .7		
MIDDLE ATLANTIC MIDDLE ATLANTIC 6/	6,237	3.32	-	3.4 - 3.3	2,215	1.26	10.4	11.4	8,452	2.78	- .2	0	
SOUTH ATLANTIC													
TAMPA BAY	1,133	3.35	-	1.5 - .9	380	1.17	14.1	16.2	1,514	2.80	2.0	2.8	
SOUTHEASTERN FLORIDA	1,432	3.37	-	9.4 - 3.8	505	1.26	30.1	20.4	1,938	2.82	- 1.6	.8	
UPPER FLORIDA	1,245	3.28	-	6.4 - 4.0	388	1.25	18.8	25.2	1,633	2.80	- 1.4	1.2	
GEORGIA	1,730	3.33	-	6.4 - 2.9	982	1.34	6.6	9.5	2,712	2.61	- 2.1	1.2	
EAST NORTHERN CENTRAL EASTERN GROUP													
SOUTHERN MICHIGAN	4,297	3.30	-	1.9 - 2.5	2,126	.96	8.5	6.7	6,434	2.52	1.4	.3	
E. OHIO - W. PA.	4,569	3.38	-	3.6 - 4.2	1,604	1.70	10.2	12.1	6,173	2.95	- .4	.5	
OHIO VALLEY	3,697	3.18	-	4.6 - 6.0	2,107	1.70	11.3	13.1	5,805	2.64	- .6	.1	
WESTERN GROUP													
MICH. UPPER PENINSULA	161	3.36	-	6.5 - 8.1	115	1.67	6.8	1.2	276	2.66	- 1.4	4.7	
CHICAGO REGIONAL	4,860	3.31	-	4.6 - 5.2	3,451	1.59	5.1	3.3	8,312	2.59	- .8	1.9	
KC-LCS.-LEX.-EVANS	1,020	3.29	-	5.5 - 5.2	827	1.77	3.3	4.7	1,848	2.61	- 1.7	1.1	
INDIANA	1,806	3.33	-	.1 - 3.9	1,666	1.75	1.6	1.6	3,473	2.57	- .7	1.3	
SOUTHERN ILLINOIS	758	3.21	-	1.1 - .9	702	1.74	3.7	4.0	1,462	2.50	- 2.4	1.4	
CENTRAL ILLINOIS	358	3.26	-	5.8 - 6.5	324	1.68	4.8	2.3	682	2.51	- 1.1	2.6	
WEST NORTHERN CENTRAL NORTHERN GROUP													
UPPER MIDWEST 7/	1,131	3.27	-	2.4 - 5.6	2,371	1.46	6.5	5.2	3,503	2.05	5.2	1.6	
EASTERN SOUTH DAKOTA 8/	122	3.28	-	4.5 - 6.0	188	1.79	5.3	2.1	310	2.38	1.2	1.3	
BLACK HILLS	41	3.30	-	4.9 - 1.0	50	1.90	10.6	4.9	91	2.54	3.0	1.9	
NORTH CENTRAL ICWA	172	3.38	-	1.7 - 7.2	302	1.70	10.0	9.8	475	2.31	5.5	2.8	
CEDAR RAPIDS-ICWA CITY	51	3.39	-	13.5 - 17.8	87	1.53	-	6.0	2.8	138	2.22	- 9.0	- 7.7
QAD CITIES - DUBLQUE	236	3.36	-	10.6 - 8.3	253	1.68	5.1	2.0	489	2.49	- 3.2	3.5	
DES MOINES	247	3.56	-	2.5 - 5.3	391	1.67	4.6	3.3	638	2.40	1.8	.2	
NEBRASKA-WESTERN ICWA	779	3.33	-	3.9 - 5.0	686	1.61	7.5	6.6	1,465	2.53	1.1	0	

CONTINUED

TABLE 6.-WHOLE MILK, LOW FAT AND SKIM MILK ITEMS SOLO IN MARKETING AREAS DEFINED BY FEDERAL MILK ORDERS FOR MARKETS WHERE SUCH INFORMATION IS AVAILABLE, DECEMBER 1976 WITH COMPARISONS 1/-CON.

MARKETING AREA	WHOLE MILK 2/				LOWFAT AND SKIM MILK ITEMS 3/				TOTAL			
	DECEMBER 1976		CHANGE 1976 FROM 1975		DECEMBER 1976		CHANGE 1976 FROM 1975		DECEMBER 1976		CHANGE 1976 FROM 1975	
	DAILY AVG	BUTTER-FAT CONTENT	DEC.	YEAR TO DATE 4/	DAILY AVG	BUTTER-FAT CONTENT	DEC.	YEAR TO DATE 4/	DAILY AVG	BUTTER-FAT CONTENT	DEC.	YEAR TO DATE 4/
	1,000 Lb.		PERCENT		1,000 LB.		PERCENT		1,000 Lb.		PERCENT	
WEST NORTH CENTRAL -CON. SOUTHERN GROUP												
ST LOUIS - CZARKS	1,072	3.26	-	7.5 - 4.7	860	1.52	0.3	- .1	1,953	2.47	- 4.1 -	2.7
GREATER KANSAS CITY	858	3.30	-	3.4 - 1.6	668	1.53	1.4	- 2.6	1,547	2.51	- 1.3 -	.2
NEOSHO VALLEY	162	3.33	-	7.7 - 2.7	76	1.39	27.4	- 11.4	238	2.71	- 13.3 -	1.1
WICHITA	339	3.24	-	5.9 - 6.0	200	1.59	9.2	- 7.9	539	2.63	- .9 -	1.5
EAST SOUTH CENTRAL												
PALUCAH	169	3.25	-	4.4 - 2.4	71	1.39	3.5	- 9.3	240	2.71	- 2.2 -	.8
NASHVILLE	726	3.34	-	4.8 - 3.6	335	1.51	7.0	- 7.8	1,061	2.76	- 1.4 -	.3
MEMPHIS	463	3.40	-	5.0 - 1.9	219	1.22	11.8	- 4.0	683	2.70	- 7.1 -	.2
TENNESSEE VALLEY 2/	882	3.33	-	5.2 - 4.2	732	1.65	1.6	- 4.3	1,614	2.57	- 2.3 -	.4
WEST SOUTH CENTRAL												
NORTHERN GROUP												
CENTRAL ARKANSAS	428	3.37	-	.9 - 2.3	187	1.53	9.8	- 11.4	616	2.81	- 2.1 -	1.3
FCRT SMITH	47	3.30	-	32.1 - 21.5	14	1.25	- 20.6	- 6.2	62	2.83	- 29.7 -	18.4
OKLAHOMA METROPOLITAN	864	3.34	-	*2 - 2.3	274	1.42	21.2	- 13.4	1,138	2.88	- 4.2 -	.9
RED RIVER VALLEY	343	3.33	-	5.6 - 4.8	63	1.15	9.5	- 6.5	407	3.00	- 6.2 -	5.0
TEXAS PANHANDLE	183	3.38	-	5.9 - 1.9	39	1.56	2.1	- 2.7	222	3.07	- 4.6 -	2.0
LUBBOCK - PLAINVIEW	165	3.41	-	4.4 - 5.7	35	1.52	- .4	- 6.1	201	3.08	- 3.7 -	5.8
SOUTHERN GROUP												
GREATER LOUISIANA 8/	281	3.55	-	5.7 - 5.2	101	1.75	- 4.7	- 12.6	383	3.08	- 5.4 -	1.2
NEW ORLEANS-MISS. 8/	916	4.01	-	32.8 - 17.5	152	1.42	52.0	- 15.7	1,069	3.64	- 35.2 -	17.2
TEXAS 10/	4,930	3.41	-	1.2 - 4.1	1,606	1.27	- 1.7	- 1.8	6,537	2.88	- .4	3.6
MOUNTAIN												
EASTERN COLORADO	837	3.33	-	2.7 - 1.8	728	1.81	6.8	- 7.3	1,565	2.62	- 1.5 -	2.1
GREAT BASIN	455	3.30	-	2.7 - .4	656	1.91	7.2	- 11.8	1,111	2.48	- 5.3 -	6.4
WESTERN COLORADO	70	3.36	-	1.9 - 1.3	45	1.87	26.5	- 17.4	115	2.78	- 10.3 -	6.6
CENTRAL ARIZONA	944	3.48	-	2.8 - 2.3	519	1.41	14.0	- 9.4	1,463	2.75	- 2.6 -	1.3
RIO GRANDE VALLEY	819	3.36	-	1.4 - .5	181	1.52	13.6	- 9.9	1,000	3.02	- 1.0 -	2.0
LAKE MEAD	210	3.50	-	3.5 - 6.7	107	1.76	17.4	- 18.3	317	2.91	- 7.8 -	10.2
PACIFIC												
PUGET SOUND	723	3.36	-	5.0 - 5.0	990	1.86	5.8	- 6.2	1,713	2.49	- 1.0 -	1.0
INLAND EMPIRE	133	3.36	-	6.3 - 7.4	254	1.79	3.4	- 6.6	387	2.33	- .1	1.2
OREGON-WASHINGTON	1,007	3.39	-	.6 - .5	1,194	1.84	8.1	- 8.4	2,201	2.55	- 4.5	4.0
COMBINED AREAS (48) 11/	60,059	3.34	-	3.0 - 3.0	33,443	1.51	7.2	- 7.2	93,502	2.68	- .4	.3
COMBINED AREAS ADJ. FOR CALENDAR COMPOSITION (48) 12/	59,247	-	-	3.6 - 3.1	33,053	-	6.6	- 7.0	92,275	-	- .2	.2
NEW YORK-NEW JERSEY 13/	-	-	-	-	-	-	-	-	13,834	-	- 1.9 -	2.4

1/ In-area sales represent total sales in each of the areas by handlers regulated under the respective orders, by handlers regulated under other orders, by partially regulated handlers, and by producer-handlers. Sales routes of handlers may extend outside defined marketing areas; therefore, some handler in-area sales are partially estimated.

2/ Plain, and flavored whole milk.

3/ Plain, fortified and flavored skim and lowfat milk and buttermilk.

4/ Data for February 1976 adjusted to a 28-day basis before computing percentage changes.

5/ Sales represent the marketing area after the merger of Boston Regional and Connecticut, April 1, 1976.

6/ Sales represent the marketing area after the expansion of June 1, 1975.

7/ Represents combined sales for Duluth-Superior, Minneapolis-St. Paul, Minnesota-North Dakota, and Southeastern Minnesota-Northern Iowa, prior to the merger and expansion of June 1, 1976. Data are estimated.

8/ Sales represent the marketing area prior to the expansion of Greater Louisiana and New Orleans-Mississippi, April 1, 1976; and Eastern South Dakota, June 1, 1976. Data are estimated.

9/ Represents combined sales for Appalachian, Knoxville, and Chattanooga, prior to the merger and expansion of October 1, 1976. Data are estimated.

10/ Sales represent the marketing area after the merger and expansion of North Texas, Central West Texas, Austin-Waco, San Antonio, Corpus Christi, and South Texas, July 1, 1975.

11/ Excludes the New Orleans-Mississippi market.

12/ Figures adjusted to eliminate variations due to calendar composition. See special article in FMCS - 196, April 1976.

13/ Small amount of sales estimated.

Table 7.—Whole milk and lowfat and skim milk items sold in marketing areas defined by Federal milk orders for markets where such information is available, year 1976, with comparisons 1/

Marketing area	Whole milk items 2/		Lowfat and skim milk items 3/		Total fluid milk items							
	1976	1975	1976	1975	1976	1975	1976	1975				
	Butterfat average content	Butterfat average content	Butterfat av. content	Butterfat av. content	Butterfat average content	Butterfat average content	Butterfat average content	Butterfat average content				
1,000 lb.	Pct.	1,000 lb.	Pct.	1,000 lb.	Pct.	1,000 lb.	Pct.	1,000 lb.	Pct.			
<u>NEW ENGLAND</u>												
New England 4/	6,605	3.41	6,822	3.42	1,429	0.99	1,267	1.02	8,034	2.98	8,088	3.04
<u>MIDDLE ATLANTIC</u>												
New York-New Jersey 5/	10,699	3.42	11,194	3.42	1,761	1.22	1,580	1.16	12,460	3.11	12,774	3.14
Middle Atlantic 6/	6,070	3.34	6,280	3.40	2,055	1.25	1,844	1.27	8,125	2.83	8,125	2.92
<u>SOUTH ATLANTIC</u>												
Tampa Bay	1,079	3.33	1,089	3.34	352	1.12	303	1.09	1,431	2.79	1,391	2.85
Southeastern Florida	1,437	3.38	1,494	3.41	426	1.16	354	1.05	1,863	2.87	1,848	2.96
Upper Florida	1,290	3.29	1,344	3.30	369	1.24	295	1.19	1,659	2.83	1,639	2.92
Georgia	1,810	3.33	1,863	3.34	990	1.38	905	1.35	2,800	2.64	2,768	2.69
<u>FAST NORTH CENTRAL</u>												
<u>Eastern Group</u>												
Southern Michigan	4,220	3.26	4,327	3.35	2,007	0.96	1,880	0.96	6,227	2.52	6,207	2.63
Eastern Ohio— Western Pa.	4,473	3.31	4,669	3.37	1,542	1.68	1,375	1.68	6,015	2.89	6,045	2.99
Ohio Valley	3,683	3.26	3,917	3.28	1,982	1.66	1,753	1.59	5,665	2.70	5,669	2.76
<u>Western Group</u>												
Mich. Upper Peninsula	167	3.30	182	3.42	105	1.67	104	1.64	272	2.67	286	2.77
Chicago Regional	4,768	3.31	5,032	3.32	3,259	1.61	3,154	1.57	8,027	2.62	8,185	2.65
Louisville-Lex.-Evans	1,036	3.29	1,092	3.29	805	1.75	769	1.75	1,841	2.62	1,862	2.65
Indiana	1,749	3.30	1,820	3.34	1,622	1.71	1,596	1.69	3,370	2.54	3,416	2.57
Southern Illinois	741	3.25	748	3.25	670	1.74	645	1.74	1,412	2.53	1,393	2.55
Central Illinois	348	3.28	372	3.28	302	1.68	296	1.68	650	2.54	668	2.57
<u>WEST NORTH CENTRAL</u>												
<u>Northern Group</u>												
Upper Midwest 7/	1,063	3.28	1,126	3.28	2,225	1.45	2,114	1.45	3,288	2.04	3,241	2.09
Eastern S. Dakota 8/	118	3.28	126	3.27	173	1.77	169	1.75	291	2.39	295	2.40
Black Hills	43	3.33	43	3.31	47	1.90	45	1.89	90	2.58	88	2.59
North Central Iowa	166	3.38	178	3.38	282	1.67	257	1.66	448	2.30	435	2.37
Cedar Rapids-Ia. City	50	3.38	61	3.39	88	1.47	86	1.48	138	2.17	147	2.27
Quad Cities-Dubuque	241	3.31	263	3.31	236	1.64	232	1.65	477	2.48	495	2.53
Des Moines	238	3.55	252	3.54	372	1.65	361	1.64	611	2.39	613	2.42
Nebraska-Western Iowa	756	3.32	796	3.32	647	1.58	607	1.55	1,403	2.52	1,403	2.55

Continued

Table 7.—Whole milk and lowfat and skim milk items sold in marketing areas defined by Federal milk orders for markets where such information is available, year 1976, with comparisons <sup>1/</sup>—Con.

Marketing area	Whole milk items <sup>2/</sup>				Lowfat and skim milk items <sup>3/</sup>				Total fluid milk items			
	1976		1975		1976		1975		1976		1975	
	Daily average	Butterfat content	Daily average	Butterfat content	Daily average	Butterfat content	Daily average	Butterfat content	Daily average	Butterfat content	Daily average	Butterfat content
	: 1,000 lb.	Pct.	: 1,000 lb.	Pct.	: 1,000 lb.	Pct.	: 1,000 lb.	Pct.	: 1,000 lb.	Pct.	: 1,000 lb.	Pct.
<u>WEST NORTH CENTRAL</u>												
<u>Southern Group</u>												
St. Louis-Ozarks	1,099	3.27	1,152	3.28	856	1.52	856	1.56	1,955	2.50	2,008	2.54
Greater Kansas City	831	3.28	845	3.29	652	1.50	635	1.51	1,483	2.50	1,480	2.52
Neosho Valley	151	3.32	155	3.29	64	1.43	58	1.52	215	2.75	213	2.81
Wichita	335	3.26	357	3.25	188	1.55	175	1.51	524	2.65	531	2.68
<u>EAST SOUTH CENTRAL</u>												
Paducah	175	3.26	179	3.26	71	1.36	65	1.41	246	2.71	244	2.77
Nashville	725	3.33	752	3.32	324	1.48	301	1.36	1,050	2.75	1,053	2.76
Memphis	450	3.34	459	3.38	202	1.21	194	1.28	652	2.68	653	2.76
Tennessee Valley <sup>9/</sup>	901	3.34	940	3.40	735	1.63	705	1.61	1,636	2.57	1,645	2.64
<u>WEST SOUTH CENTRAL</u>												
<u>Northern Group</u>												
Central Arkansas	428	3.40	438	3.39	177	1.50	159	1.74	605	2.85	597	2.95
Fort Smith	55	3.28	70	3.30	17	1.27	18	1.44	72	2.82	88	2.92
Oklahoma Metro.	853	3.32	874	3.34	254	1.41	224	1.44	1,107	2.88	1,098	2.95
Red River Valley	334	3.33	319	3.32	60	1.15	56	1.22	394	3.00	375	3.01
Texas Panhandle	198	3.36	194	3.34	39	1.48	38	1.46	237	3.05	232	3.03
Lubbock-Plainview	169	3.37	180	3.36	35	1.47	38	1.38	205	3.04	217	3.01
<u>Southern Group</u>												
Greater Louisiana <sup>8/</sup>	287	3.56	302	3.59	98	1.74	87	1.69	384	3.10	389	3.17
New Orleans-Miss. <sup>8/</sup>	781	3.64	665	3.58	126	1.40	109	1.39	906	3.33	774	3.27
Texas <sup>10/</sup>	4,926	3.41	4,731	3.42	1,606	1.27	1,577	1.34	6,532	2.88	6,307	2.90
<u>MOUNTAIN</u>												
Eastern Colorado	836	3.29	851	3.31	702	1.76	654	1.74	1,538	2.59	1,506	2.63
Great Basin	453	3.31	455	3.34	645	1.89	577	1.91	1,099	2.48	1,033	2.54
Western Colorado	66	3.35	66	3.32	38	1.89	33	1.86	105	2.81	98	2.83
Central Arizona	941	3.49	963	3.48	467	1.38	427	1.35	1,407	2.79	1,390	2.83
Rio Grande Valley	826	3.35	822	3.36	170	1.51	155	1.59	997	3.03	977	3.08
Lake Mead	209	3.56	196	3.51	99	1.69	84	1.70	308	2.96	280	2.97
<u>PACIFIC</u>												
Puget Sound	722	3.35	761	3.44	935	1.84	880	1.83	1,657	2.49	1,641	2.58
Inland Empire	133	3.34	143	3.42	246	1.77	230	1.78	378	2.32	374	2.41
Oregon-Washington	.991	3.38	997	3.41	1,135	1.82	1,047	1.82	2,126	2.55	2,044	2.60
Combined areas (49) <sup>11/</sup>	59,247	3.34	61,762	3.36	31,803	1.50	29,787	1.49	91,050	2.69	91,549	2.76

<sup>1/</sup> In-area sales represent total sales in each of the areas by handlers regulated under the respective orders, by handlers regulated under other orders, by partially regulated handlers, and by producer-handlers. Sales routes of handlers may extend outside defined marketing areas; therefore, some handler in-area sales are partially estimated.

<sup>2/</sup> Plain, and flavored whole milk.

<sup>3/</sup> Plain, fortified and flavored skim and lowfat milk and buttermilk.

<sup>4/</sup> Sales represent the marketing area after the merger of Boston Regional and Connecticut, April 1, 1976.

<sup>5/</sup> Sales by New York-New Jersey regulated handlers inside the marketing area. Data represent sales for the months of January through August only.

<sup>6/</sup> Sales represent the marketing area after the expansion of June 1, 1975.

<sup>7/</sup> Represents combined sales for Duluth-Superior, Minneapolis-St. Paul, Minnesota-North Dakota, and Southeastern Minnesota-Northern Iowa, prior to the merger and expansion of June 1, 1976. Data are estimated.

<sup>8/</sup> Sales represent the marketing area prior to the expansion of Greater Louisiana and New Orleans-Mississippi, April 1, 1976; and Eastern South Dakota, June 1, 1976. Data are estimated.

<sup>9/</sup> Represents combined sales for Appalachian, Knoxville, and Chattanooga, prior to the merger and expansion of October 1, 1976. Data are estimated.

<sup>10/</sup> Sales represent the marketing area after the merger and expansion of North Texas, Central West Texas, Austin-Waco, San Antonio, Corpus Christi, and South Texas, July 1, 1975.

<sup>11/</sup> Excludes the New York-New Jersey and New Orleans-Mississippi markets.

Table 8.--Daily average sales of individual whole milk items, lowfat and skim milk items, in 49 selected marketing areas defined by Federal milk orders, January 1976 to date, with comparisons 1/

Item	January			February			March			April		
	Change 1976 from 1975		Daily	Change 1976 from 1975 2/		Daily	Change 1976 from 1975		Daily	Change 1976 from 1975		Daily
	Daily	Year	average	Feb.	Year	average	Mar.	Year	average	Apr.	to	Year
	1,000 lb.	Percent	1,000 lb.	Percent	1,000 lb.	Percent	1,000 lb.	Percent	1,000 lb.	Percent	1,000 lb.	Percent
Whole milk	61,313.3	- 1.3	- 1.3	57,286.3	- 6.4	- 3.7	59,928.3	1.0	- 2.1	58,989.8	- 1.8	- 2.1
Flavored whole milk	2,762.0	- 3.0	- 3.0	2,850.1	- 1.8	- 2.4	3,030.9	15.6	3.4	2,769.2	- 7.5	.6
Total whole milk items	64,075.3	- 1.4	- 1.4	60,136.4	- 6.2	- 3.7	62,959.2	1.6	- 1.9	61,759.1	- 2.1	- 1.9
Lowfat (2%) milk												
Plain	14,820.5	20.9	20.9	14,160.4	13.7	17.5	15,289.0	28.1	21.1	15,378.8	26.4	22.4
Solids added	9,992.6	- 5.1	- 5.1	9,316.6	- 8.7	- 6.7	8,939.4	- 10.9	- 8.1	8,990.1	- 12.9	- 9.3
Skim milk												
Plain	1,821.6	14.6	14.6	1,729.3	8.3	11.6	1,850.4	12.7	12.0	1,882.0	8.9	11.2
Solids added	2,365.9	- 6.5	- 6.5	2,392.9	- 5.3	- 5.9	2,540.5	4.7	- 2.3	2,372.4	- 6.0	- 3.2
20 Flavored milk drinks	2,123.8	23.3	23.3	2,166.1	23.1	23.2	2,423.3	51.1	32.3	2,285.5	24.8	30.3
Buttermilk	1,701.0	.3	.3	1,656.1	- 2.5	- 1.0	1,759.1	4.8	1.0	1,779.4	3.3	1.5
Total lowfat and skim milk items	32,826.4	8.3	8.3	31,421.3	3.9	6.2	32,801.7	11.9	8.1	32,688.2	7.9	8.1
Total	96,901.8	1.7	1.7	91,557.7	- 3.0	- .5	95,760.9	4.9	1.3	94,447.2	1.2	1.3
Total adjusted for calendar composition 3/	94,834.4	.8	.8	94,543.9	.2	.5	95,029.2	2.4	1.2	93,152.4	.1	.9

Continued

Table 8.—Daily average sales of individual whole milk items, lowfat and skim milk items, in 49 selected marketing areas defined by Federal milk orders, January 1976 to date, with comparisons 1/

Item	May			June			July			August		
	Change 1976		from 1975	Daily	Change 1976		from 1975	Daily	Change 1976		from 1975	Daily
	Daily	Year	average	Year	June	to	Year	average	July	to	Year	average
	1,000 lb.	Percent	1,000 lb.	Percent	1,000 lb.	Percent	1,000 lb.	Percent	1,000 lb.	Percent	1,000 lb.	Percent
Whole milk	55,433.8	-5.9	-2.8	53,738.5	-0.9	-2.5	54,782.4	-1.5	-2.4	54,080.5	-4.3	-2.6
Flavored whole milk	2,720.0	-4.0	-4.0	1,539.6	-2.7	-6.6	1,403.7	-1.7	-7.7	1,712.1	5.7	-1.1
Total whole milk items	58,153.8	-5.9	-2.7	55,278.1	-1.0	-2.5	56,186.1	-1.5	-2.3	55,792.6	-4.0	-2.5
Lowfat (2%) milk	14,033.2	17.0	21.3	13,820.8	24.4	21.8	13,952.1	25.1	22.2	13,982.2	17.9	21.7
Plain	8,311.2	-18.4	-11.2	8,522.2	-9.1	-10.9	8,469.2	-11.5	-11.0	8,470.2	-11.4	-11.0
Solids added												
Skim milk	1,812.6	9.7	10.9	1,738.2	6.2	10.1	1,864.2	11.9	10.4	1,723.7	10.0	10.3
Plain	2,357.6	4.2	-1.8	2,211.5	3.3	-1.1	2,131.4	-1.7	-1.2	1,973.6	-5.8	-1.7
Solids added	2,273.1	27.6	29.7	1,447.4	30.2	29.8	1,304.0	39.3	30.7	1,408.6	30.8	30.7
Flavored milk drinks	1,701.3	-4.6	.2	1,748.2	-4.4	.1	1,760.3	-5.5	0	1,679.6	-1.8	-2.2
Buttermilk												
Total lowfat and skim milk items	30,488.9	2.8	7.0	29,488.4	8.7	7.3	29,481.1	8.1	7.4	29,237.8	4.9	7.1
Total 1	88,642.8	-3.0	.4	84,766.5	2.2	.7	85,667.2	1.6	.8	85,030.4	-1.1	.6
Total adjusted for calendar composition 2/	90,102.4	.7	.9	84,529.8	-7.7	.6	83,839.5	.2	.6	86,907.6	-1.1	.5

Continued

Table 8.--Daily average sales of individual whole milk items, lowfat and skim milk items, in 49 selected marketing areas defined by Federal milk orders, January 1976 to date, with comparisons 1/

Item	September			October			November			December 4/		
	Change 1976 from 1975			Change 1976 from 1975			Change 1976 from 1975			Change 1976 from 1975		
	Daily	Year	Daily	Year	Daily	Year	Daily	Year	Daily	Year	Daily	Year
	average	Sept.	to	average	Oct.	to	average	Nov.	to	average	Dec.	to
												date 2/
	1,000 lb.:	Percent	1,000 lb.:	Percent	1,000 lb.:	Percent	1,000 lb.:	Percent	1,000 lb.:	Percent	1,000 lb.:	Percent
Whole milk	58,542.1	- 5.1	- 2.9	58,064.5	- 6.7	- 3.3	59,438.8	1.4	- 2.9	57,761.5	- 3.0	- 3.1
Flavored whole milk	3,047.6	- 2.9	- .5	3,049.0	- 8.4	- 1.6	2,913.1	4.9	- 1.0	2,297.6	- 3.1	- 1.7
Total whole milk items	61,589.7	- 5.0	- 2.8	61,113.4	- 6.8	- 3.3	62,351.9	1.5	- 2.8	60,059.1	- 3.0	- 3.0
Lowfat (2%) milk	15,702.2	18.3	21.3	16,299.6	18.4	20.9	16,972.1	27.3	21.6	16,970.3	21.8	21.5
Plain	9,102.1	- 10.2	- 10.9	8,499.7	- 16.3	- 11.5	8,698.0	- 7.7	- 11.2	8,599.6	- 13.7	- 11.4
Solids added	1,864.1	6.3	9.9	1,968.7	12.4	10.1	1,994.6	16.0	10.7	1,887.0	8.1	10.6
Skin milk	2,210.0	- 2.8	- 1.8	2,194.8	- 10.8	- 2.8	2,231.0	- 10.3	- 3.5	2,125.8	- 3.6	- 3.5
Plain	2,774.7	23.9	29.6	2,846.7	23.7	28.7	2,753.1	39.8	29.9	2,275.3	28.4	29.5
Solids added	1,667.0	- 2.2	- .4	1,658.7	- 4.0	-.8	1,717.3	4.1	-.4	1,674.8	.2	.4
Buttermilk												
Total lowfat and skim milk items	33,320.1	6.1	7.0	33,468.2	4.1	6.6	34,366.2	12.4	7.2	33,442.8	7.2	7.2
Total	94,909.8	- 1.4	.3	94,581.6	- 3.2	0	96,718.1	5.1	.4	93,501.9	.4	.3
Total adjusted for calendar composition 3/	94,512.8	- 1.0	.3	95,730.4	- .7	.2	95,931.4	2.0	.4	92,274.6	- .2	.2

1/ See table 8 for markets included.

2/ Data for February 1976 adjusted to a 28-day basis before computing percentage changes.

3/ Figures are adjusted to eliminate variations due to calendar composition. See special article in Federal Milk Order Market Statistics - 196, April 1976.

4/ The data for December represents 48 markets. The New Orleans-Mississippi market is excluded. This market also is excluded from the year to date percent change.

Table 9.--Packaged sales of whole milk, lowfat and skim milk items, milk and cream mixtures, cream items, and total fluid items by handlers regulated under Federal milk order markets, grouped by regions, December 1976, with comparisons 1/

1/ Total packaged disposition, in and out of the marketing area, by regulated handlers.

2/ See page 7 for markets included in each region. Middle Atlantic excludes New York-New Jersey. This market also is excluded from the total.

Plain and flavored whole milk.

fat

**5/** Light, heavy, and sour cream,

**6/** Includes eggnog and yogurt.  
**7/** Percentage changes over the previous year are based on the same number of comparable markets. As a result, Middle Atlantic excludes the Middle Atlantic market, West North Central excludes the Upper Midwest market, and East South Central excludes the Tennessee Valley market, and West South Central excludes the Greater Louisiana and New Orleans-Mississippi markets. These markets also are excluded from the total percentage change.

Table 10.—Packaged sales of milk and cream mixtures, cream items, yogurt, and eggnog by handlers regulated under Federal order markets, for those markets where comparable data are available, January 1976 to date, with comparisons 1/

Item	January		February		March		April	
	Bf. : Change in sales:: 1976/1975 2/		Bf. : Change in sales:: 1976/1975 2/		Bf. : Change in sales:: 1976/1975 2/		Bf. : Change in sales:: 1976/1975 2/	
	Sales	con- tent	Sales	con- tent	Sales	con- tent	Sales	con- tent
	: 1,000 lb.	Pct.						
Milk and cream mixtures	25,047	11.0	3,7	3,7	23,639	11.2	0.6	2,2
Light cream	5,767	17.3	9.9	5,287	18.2	-4.3	1.7	3.3
Heavy cream	4,199	34.3	4.8	4,491	34.3	3.5	4.2	5.4
Sour cream	12,857	17.5	2.0	12,333	16.8	-4	.8	14,557
Total cream items	22,822	20.6	4.4	22,710	20.6	-6	1.9	26,037
Yogurt	11,541	1.9	31.9	31.9	12,985	1.9	19.6	25.2
Eggnog	1712	6.0	—	80	4.4	—	66	5.9
Milk and cream mixtures	26,033	11.1	1.9	23.8	24,649	11.1	5.1	4.3
Light cream	5,146	17.9	-16.8	-6.2	5,313	17.9	-8.7	-6.5
Heavy cream	6,019	34.0	-5.5	3.9	5,441	34.0	-11.3	4
Sour cream	14,332	16.9	1.5	3.2	14,444	16.9	6.3	4.6
Total cream items	25,597	21.1	-3.2	1.1	25,199	20.8	-1.3	1.0
Yogurt	13,390	1.9	6.8	18.6	12,955	1.8	13.5	18.8
Eggnog	16	8.1	—	—	9.1	—	—	71
Milk and cream mixtures	23,711	11.1	0	3.4	24,448	11.1	-1.5	2.9
Light cream	4,878	17.6	-16.2	-8.6	4,912	17.5	-19.2	-9.7
Heavy cream	4,248	32.9	3.4	.6	4,175	34.2	*5	.6
Sour cream	13,939	17.1	6.3	6.0	13,666	16.8	1.5	5.6
Total cream items	23,065	20.1	.1	1.3	22,753	20.2	-4.0	.8
Yogurt	12,602	1.9	15.1	16.7	11,941	1.9	7.8	15.8
Eggnog	69	10.5	—	—	67	8.5	—	7.7

1/ Total packaged disposition in and out of the marketing area by regulated pool plants. Excludes New York-New Jersey, Middle Atlantic, Greater Louisiana, and New Orleans-Mississippi, January-present. Excludes Tennessee Valley October to present.

2/ Percentage changes over the previous year are based on the same number of comparable markets. Data for February 1976 adjusted to a 28-day basis before computing percentage changes.

Table 11.--Milk, skim milk and cream utilized in the manufacture of dairy products by handlers regulated under Federal milk order markets, grouped by regions, December 1975 <sup>1/</sup>

Region <u>2/</u>	Butter	Cheese	Frozen desserts	Cottage cheese	Skim milk powder	Condensed milk <u>3/</u>	Other fac- tory products and uses <u>4/</u>	Product Pounds		TOTAL
								Class I	Class II/III	
<u>1,000 lbs.</u>										
New England and Middle Atlantic	3,313	95,502	34,215	30,282	47,620	52,017	5,297	33,830	7,246	302,077
South Atlantic	1,297	11,866	13,563	4,010	6,289	277	4,915	7,231	89,231	49,562
East North Central	30,933	430,424	57,557	103,243	144,870	83,540	8,881	19,116	453,199	948,679
West North Central	23,001	218,063	23,296	32,897	123,385	9,812	3,928	2,325	7,993	42,295
East South Central	2,809	9,545	4,452	3,599	10,300	2,272	1,325	6,865	15,089	127,304
West South Central	5,980	40,003	13,925	13,987	18,783	12,673	6,865	4,913	2,072	92,918
Mountain	2,576	36,656	11,426	17,331	16,716	404	2,894	4,072	119,805	
Pacific	7,571	37,573	9,272	16,686	40,575	3,222	834	181,191	2,136,138	
<u>TOTAL 5/</u>	<u>77,579</u>	<u>879,633</u>	<u>167,705</u>	<u>222,034</u>	<u>408,539</u>	<u>164,216</u>	<u>34,939</u>			

	Butterfat Pounds	Product Pounds		TOTAL
		Class I	Class II/III	
		<u>1,000 lbs.</u>		

New England and Middle Atlantic	1,814	3,736	5,783	284	32	901	0	0	1,700	1,251
South Atlantic	548	469	1,543	158	0	10	0	0	390	3,118
East North Central	12,763	17,523	7,824	1,067	111	1,671	0	0	3,879	44,839
West North Central	9,528	8,264	2,623	296	102	108	6/	883	21,803	
East South Central	1,147	4,17	641	32	0	10	0	0	370	2,617
West South Central	2,323	1,376	1,687	156	15	270	0	0	841	6,667
Mountain	1,012	1,419	1,097	145	9	15	0	0	247	3,945
Pacific	2,871	1,466	884	154	21	148	6/	228	5,775	
<u>TOTAL 5/</u>	<u>32,010</u>	<u>34,669</u>	<u>22,082</u>	<u>2,292</u>	<u>290</u>	<u>3,133</u>	<u>6/</u>	<u>8,238</u>	<u>103,014</u>	

<sup>1/</sup> Includes producer milk and some other source milk used to produce manufactured dairy products in regulated pool plants as well as milk diverted and shipped to non-order plants for processing. Some data are partially estimated.

<sup>2/</sup> See page 7 for markets included in each region. Middle Atlantic excludes New York-New Jersey. This market also is excluded from the total.

<sup>3/</sup> Includes condensed skim milk and condensed whole milk.

<sup>4/</sup> "Other factory products" include evaporated whole milk, milk, skim milk, and cream used in food products, whole milk powder, and aerated, frozen and plastic cream. Other "uses" include milk, skim milk, and cream used for animal feed, dumped or spilled, plant loss, and unidentified.

<sup>5/</sup> Totals may not add due to rounding.

<sup>6/</sup> Less than 500 pounds.

Table 12.--Milk, skim milk and cream utilized in the manufacture of dairy products by handlers regulated under Federal milk order markets, grouped by regions, December 1976 1/

Region 2/	Butter	Cheese	Frozen desserts		Product Pounds				Class II/III milk solids	Other fac- tory products	TOTAL
					Cottage cheese	Skim powder	Condensed milk 3/	used to fortify			
<u>1,000 lbs.</u>											
New England and Middle Atlantic	6,101	: 88,530 :	32,516	: 31,386 :	61,418 :	53,961	: 4,281 :	28,791	:	306,984	
South Atlantic	3,076	: 16,812 :	15,311	: 4,244 :	6,934 :	383	: 4,661 :	8,896	:	60,317	
East North Central	45,210	: 516,793 :	50,009	: 101,609 :	178,365 :	88,554	: 7,304 :	78,279	:	1,066,124	
West North Central	28,603	: 406,678 :	20,281	: 33,532 :	192,128 :	12,132	: 3,536 :	23,619	:	720,510	
East South Central	3,341	: 17,922 :	7,476	: 3,767 :	10,733 :	1,891	: 1,283 :	7,036	:	53,449	
West South Central	7,350	: 50,119 :	17,032	: 17,958 :	20,196 :	14,919	: 6,236 :	20,716	:	154,586	
Mountain	2,149	: 39,274 :	12,806	: 17,259 :	3,781 :	742	: 2,971 :	4,976	:	83,957	
Pacific	7,838	: 45,880 :	8,683	: 16,603 :	41,680 :	3,854	: 808 :	5,018	:	130,365	
TOTAL 5/	103,668	: 1,182,038 :	164,114	: 226,359 :	515,235 :	176,436	: 31,080 :	177,361	:	2,576,291	
<u>Buttermilk Pounds</u>											
<u>1,000 lbs.</u>											
New England and Middle Atlantic	3,162	: 3,389 :	5,119	: 333 :	219 :	887	: 0 :	1,707	:	14,816	
South Atlantic	1,155	: 695 :	1,708	: 171 :	44 :	14	: 0 :	484	:	1,272	
East North Central	17,380	: 21,259 :	6,548	: 1,179 :	249 :	903	: 0 :	3,231	:	50,249	
West North Central	12,070	: 15,711 :	2,481	: 379 :	152 :	91	: 6' :	946	:	31,830	
East South Central	1,233	: 824 :	657	: 33 :	0 :	74	: 0 :	310	:	3,130	
West South Central	2,453	: 1,730 :	2,069	: 177 :	19 :	388	: 0 :	1,075	:	7,911	
Mountain	834	: 1,461 :	1,124	: 153 :	2 :	27	: 0 :	234	:	3,835	
Pacific	2,876	: 1,775 :	926	: 160 :	34 :	139	: 6' :	292	:	6,202	
TOTAL 5/	41,163	: 46,844 :	20,633	: 2,584 :	719 :	2,524	: 6' :	8,278	:	122,746	

1/ Includes producer milk and some other source milk used to produce manufactured dairy products in regulated pool plants as well as milk diverted and shipped to non-order plants for processing. Some data are partially estimated.

2/ See page 7 for markets included in each region. Middle Atlantic excludes New York-New Jersey. This market also is excluded from the total.

3/ Includes condensed skim milk and condensed whole milk.

4/ "Other factory products" include evaporated whole milk, milk, skim milk, and cream used in food products, whole milk powder, and aerated frozen and plastic cream. Other "uses" include milk, skim milk, and cream used for animal feed, dumped or spilled, plant loss, and unidentified.

5/ Totals may not add due to rounding.

6/ Less than 500 pounds.

Table 13.—Percentage of whole milk equivalent used in the production of manufactured dairy products, in Federal order markets, January 1976 to date, with comparisons <sup>1/</sup>

Manufactured dairy products	<u>Percent</u>					
	January	February	March	April	May	June
Butter	33.4	35.5	32.1	35.5	29.2	28.7
Cheese	33.8	30.2	34.2	30.3	34.4	33.4
Frozen desserts	19.8	19.6	20.9	20.3	23.7	20.8
Cottage cheese	2.5	2.7	2.6	2.9	2.9	2.8
All other <sup>2/</sup>	10.5	12.0	10.2	11.0	9.8	10.2
	100.0	100.0	100.0	100.0	100.0	100.0

Manufactured dairy products	<u>Percent</u>					
	July	August	September	October	November	December
Butter	24.7	20.9	24.0	19.6	26.0	24.0
Cheese	37.2	35.1	36.1	34.0	34.9	29.5
Frozen desserts	25.9	30.9	27.4	32.6	26.7	32.2
Cottage cheese	2.7	3.1	2.9	3.0	2.7	2.9
All other <sup>2/</sup>	9.5	10.0	9.6	10.8	9.7	11.4
	100.0	100.0	100.0	100.0	100.0	100.0

<sup>1/</sup> Data represent whole milk equivalent based on milkfat content. Includes producer milk and some other source milk used to produce manufactured dairy products in regulated pool plants as well as milk diverted and shipped to non-order plants for processing. Some of the data are partially estimated. Excludes New York-New Jersey.

<sup>2/</sup> Milk, skim milk and cream used in other manufactured products, i.e. evaporated milk, condensed milk, whole and skim milk powder, aerated, frozen and plastic cream; and cream and cheese dips; and milk, skim milk, and cream used in food products as well as used in animal feed, dumped or spilled, plant loss and unidentified.

Table 14.--Federal order base and excess prices for milk of 3.5 percent butterfat content, January 1/

Marketing area	Base price		Excess price		Marketing area	Base price		Excess price		
	January		January			January		January		
	1977	: 1976	1977	: 1976		1977	: 1976	1977	: 1976	
					Dollars per 100 lb.					
Central Arkansas										
Fort Smith	10.39	11.13	8.19	8.93		Nashville				
Georgia <u>2/</u>						Oregon-Washington	9.57	9.99	8.19	
Memphis						Puget Sound <u>2/</u>	10.05	10.66	8.19	
Middle Atlantic	10.28	10.96	8.17	8.96		Southern Michigan	9.34	10.04	8.19	

1/ See footnotes on table 2 for location at which price is reported.  
2/ Class I base plan.

Table 15.--Seasonal incentive fund included under various Federal milk orders, January

Marketing area	January		Marketing area		<u>1/</u> Dollars per 100 lb.	January		Marketing area		
	1977		1976			1977		1976		
New England										
Central Illinois										
Eastern Ohio-Western Pa.										
Indiana										
Louisville-Lexington-Evansville										

1/ The payback period of the Louisville Plan changed from the months of October through January to the months of September through December.

Table 16.—Dairy product prices and manufacturing milk prices January 1977 to date, with comparisons

1/ "Dairy Market News," AMS. 2/ 26th of preceding month through 25th of current month, as reported by SRS. 3/ Simple average of hygroscopic and nonhygroscopic. 4/ Average price reported paid to producers for manufacturing grade milk, f.o.b. Plants in Minnesota-Wisconsin as reported by SRS. 3.5 percent price converted by using 92-score butter price times 0.120. 5/ (Chicago 92-score butter price times 4.2) plus (nonfat dry milk, spray, Chicago area plant price times 8.2) less 48 cents.

Table 17.—U.S. milk prices, U.S. milk feed ratio, and general price measures, January 1977, with comparisons

\* Preliminary. \*\* Based on partially revised data. 1/ Converted by using Chicago 92-score butter times 0.120. 2/ "Agricultural Prices," SRS. 3/ "Milk Products," SRS. 4/ Pounds of concentrate ration equal in value to one pound of milk sold to plants. 5/ Parity prices shown are based on data for the current month. 6/ Seasonally adjusted. 7/ Price at test adjusted to a 3.67 percent fat test by using Chicago 92-score butter times 0.120 as a percentage of parity price equivalent. 8/ "Wholesale Prices and Price Index," BLS. 9/ "Consumer Price Index," BLS. 10/ For commodities and services, interest, taxes, and wage rates. 11/ Ratio of the Index of Prices Received by farmers, all farm products, to the Index of Prices Paid, Interest, Taxes, and Farm Wage Rates.

Table 18.—Retail price paid by consumers for dairy products, United States, January 1977 to date, with comparisons 1/

Month	Whole milk and skim milk ::				Ice cream ::				Cheese ::			
	At stores ::				prepackaged 4/ ::				American process ::			
	Whole milk 2/ : Skim milk 3/ ::								Butter 2/ ::			
	1977	: 1976	1977	: 1976	1977	: 1976	1977	: 1976	1977	: 1976	1977	: 1976
	Cents per $\frac{1}{2}$ gal.				Cents per $\frac{1}{2}$ gal.				Cents per $\frac{1}{2}$ lb.			
Jan.	83.2	: 82.1	79.2	: 77.8	130.5	: 125.6	87.9	: 86.2	127.0	: 129.8		
Feb.		82.7		77.4		126.8			86.7			123.1
Mar.		82.8		77.7		125.6			85.6			117.8
Apr.		82.6		77.7		125.8			84.9			119.8
May		82.0		77.4		125.3			85.7			120.6
June		82.2		77.7		126.7			85.8			121.1
July		81.9		77.3		125.2			85.8			125.9
Aug.		82.0		77.1		126.3			86.2			133.2
Sept.		82.9		78.4		128.4			87.7			135.0
Oct.		84.3		79.3		130.2			88.2			131.0
Nov.		83.7		79.4		128.7			87.4			128.9
Dec.		83.3		79.1		131.1			87.7			127.3
Si. av.	83.2	: 82.7	79.2	: 78.0	130.5	: 127.1	87.9	: 86.5	127.0	: 126.1		

1/ "Estimated Retail Food Prices by Cities," Bureau of Labor Statistics, U.S. Department of Labor.

2/ 56-city average. 3/ 25-city average. 4/ 45-city average.

Table 19.—Prevailing prices paid by consumers for the most common grade of whole milk, skim milk, ice cream, cheese, American process, and butter, 23 cities, January 1977, with comparisons 1/

Market	Prices at stores ::				Ice cream ::				Cheese ::			
	Whole milk :: Skim milk ::				prepackaged ::				American process ::			
									Butter ::			
	Jan.	: Jan.	Jan.	: Jan.	Jan.	: Jan.	Jan.	: Jan.	Jan.	: Jan.	Jan.	: Jan.
	1977	: 1976	1977	: 1976	1977	: 1976	1977	: 1976	1977	: 1976	1977	: 1976
	Cents per half gallon				Cents per $\frac{1}{2}$ gal.				Cents per $\frac{1}{2}$ lb.			
Atlanta, Ga.	101.2	: 98.2	—	:	—	:	117.9	: 104.0	90.6	: 88.1	133.6	: 125.6
Baltimore, Md.	85.3	: 83.0	—	:	—	:	124.7	: 112.2	88.9	: 87.1	127.5	: 129.6
Boston, Mass.	79.1	: 77.5	—	:	—	:	147.4	: 145.1	81.1	: 79.7	119.7	: 128.9
Buffalo, N.Y.	86.5	: 83.3	—	:	—	:	121.6	: 115.8	82.7	: 82.9	114.1	: 118.9
Chicago, Ill.-NW. Ind.	81.7	: 80.1	81.5	:	—	:	123.2	: 123.0	82.1	: 80.2	125.3	: 126.7
Cincinnati, Ohio	85.5	: 84.0	82.7	:	80.5	:	120.7	: 117.6	83.8	: 82.4	136.9	: 136.4
Cleveland, Ohio	75.8	: 68.9	—	:	—	:	119.6	: 106.9	93.2	: 88.6	124.1	: 119.6
Dallas, Texas	87.0	: 84.0	84.5	:	79.2	:	129.0	: 120.7	85.6	: 85.9	133.7	: 122.2
Detroit, Mich.	76.1	: 80.2	—	:	—	:	126.8	: 114.0	87.4	: 84.4	121.2	: 119.3
Honolulu, Hawaii	110.7	: 104.0	108.0	:	102.4	:	156.6	: 157.7	106.0	: 97.1	140.3	: 150.3
Houston, Texas	98.1	: 95.4	92.7	:	94.6	:	148.7	: 149.7	96.0	: 95.3	138.0	: 141.4
Kansas City, Mo.	80.8	: 85.9	78.3	:	83.6	:	127.2	: 126.8	88.0	: 88.4	142.6	: 140.4
Los. Ang.-L. Beach, Ca.	69.3	: 68.9	59.4	:	59.2	:	116.8	: 112.1	88.9	: 91.0	124.5	: 136.6
Milwaukee, Wisc.	80.7	: 77.1	77.3	:	72.8	:	124.6	: 124.2	88.9	: 80.0	110.3	: 118.3
Mpls.-St. Paul, Minn.	74.9	: 76.8	60.8	:	63.4	:	132.0	: 118.5	93.1	: 89.6	115.0	: 115.9
New York-NE N.J.	86.0	: 84.8	—	:	—	:	157.8	: 160.4	88.9	: 88.3	136.1	: 137.4
Philadelphia, Pa.	87.8	: 85.1	—	:	—	:	148.6	: 144.4	81.4	: 79.3	134.2	: 135.9
Pittsburgh, Pa.	76.4	: 72.8	76.9	:	72.3	:	123.5	: 119.2	80.0	: 78.0	123.3	: 133.4
St. Louis, Mo.	82.4	: 82.1	79.5	:	77.6	:	130.7	: 120.0	87.2	: 81.8	128.6	: 125.9
San Diego, Calif.	70.6	: 69.5	60.9	:	61.1	:	126.8	: 119.8	91.0	: 92.1	127.0	: 136.6
San Fran.-Oak., Calif.	71.9	: 70.8	—	:	—	:	128.6	: 125.9	91.7	: 90.4	123.0	: 128.8
Seattle, Wash.	81.0	: 81.8	76.8	:	78.4	:	144.0	: 131.5	91.6	: 92.8	118.7	: 128.3
Washington, D.C.-Md-Va.	85.6	: 84.2	71.2	:	77.0	:	153.0	: 139.6	89.6	: 85.0	127.7	: 137.7
United States 2/	83.2	: 82.1	79.2	:	77.8	:	130.5	: 125.6	87.9	: 86.2	127.0	: 129.8

1/ "Estimated Retail Food Prices by Cities," Bureau of Labor Statistics, U.S. Dept. of Labor. The primary use of these prices by BLS is for time-to-time rather than place-to-place comparisons.

2/ 56-city average for whole milk and butter, 25-city average for skim milk, and 45-city average for ice cream and cheese, at stores.

Table 20.—Prevailing prices paid by consumers for the most common grade of whole milk, skim milk, ice cream, cheese, American process, and butter, 23 cities, Annual 1976, with comparisons 1/

Market	Prices at stores			Ice cream prepackaged			Cheese American process			Butter		
	Whole milk	Skim milk										
	1977	1976	: 1977	1976	: 1977	1976	: 1977	1976	: 1977	1976	: 1977	1976
	Cents per half gallon			Cents per $\frac{1}{2}$ gal.			Cents per $\frac{1}{2}$ lb.				Cents per $\frac{1}{2}$ lb.	
Atlanta, Ga.	98.6	90.8	—	—	—	—	112.8	109.5	—	89.6	—	79.1
Baltimore, Md.	84.9	77.5	—	—	—	—	116.3	108.3	—	86.1	—	74.7
Boston, Mass.	77.9	73.8	—	—	—	—	144.2	136.3	—	82.4	—	71.1
Buffalo, N.Y.	85.4	78.1	—	—	—	—	118.2	112.3	—	82.0	—	74.1
Chicago, Ill.—NW. Ind.	82.4	77.5	79.2	73.0	123.6	122.3	—	—	—	80.4	—	75.1
Cincinnati, Ohio	83.8	83.4	80.6	78.4	115.9	127.2	—	—	—	83.7	—	73.1
Cleveland, Ohio	71.5	65.1	—	—	—	—	113.5	105.6	—	90.7	—	78.4
Dallas, Texas	85.9	81.9	79.2	75.9	122.6	115.4	—	—	—	85.3	—	76.5
Detroit, Mich.	76.3	75.5	—	—	—	—	114.1	110.3	—	85.0	—	75.0
Honolulu, Hawaii	108.2	104.1	106.6	102.5	157.9	151.2	—	—	—	103.3	—	87.7
Houston, Texas	96.8	92.6	95.6	91.3	145.4	137.3	—	—	—	100.9	—	85.4
Kansas City, Mo.	82.1	83.1	78.8	80.1	125.3	120.6	—	—	—	86.0	—	78.6
Los Ang.-L. Beach, Ca.	68.8	69.6	59.1	59.8	113.8	109.9	—	—	—	89.3	—	80.8
Milwaukee, Wisc.	78.5	70.0	74.6	66.7	125.5	117.6	—	—	—	86.9	—	73.5
Mpls.-St. Paul, Minn.	76.7	67.8	64.3	59.5	117.8	108.8	—	—	—	91.3	—	79.3
New York-NE N.J.	85.6	82.8	—	—	—	—	156.1	157.0	—	86.7	—	77.9
Philadelphia, Pa.	86.9	80.7	—	—	—	—	147.7	134.6	—	79.6	—	72.8
Pittsburgh, Pa.	76.7	74.7	76.3	73.7	121.5	112.3	—	—	—	77.7	—	73.0
St. Louis, Mo.	82.0	77.1	78.1	72.5	126.3	111.9	—	—	—	86.5	—	74.9
San Diego, Calif.	69.8	70.0	61.1	61.0	118.9	118.7	—	—	—	90.5	—	80.5
San Fran.-Oak., Calif.	70.7	71.5	—	—	—	—	121.9	123.3	—	90.7	—	80.0
Seattle, Wash.	81.6	80.1	77.2	77.7	137.2	129.6	—	—	—	91.0	—	81.0
Washington, D.C.-Md.-Va.	85.0	77.5	74.7	74.8	143.2	133.2	—	—	—	88.6	—	75.9
United States 2/	82.7	78.5	78.0	74.4	127.1	122.3	—	—	—	86.5	—	76.8

1/ "Estimated Retail Food Prices by Cities," Bureau of Labor Statistics, U.S. Dept. of Labor. The primary use of these prices by BLS is for time-to-time rather than place-to-place comparisons.  
 2/ 56-city average for whole milk and butter; 25-city average for skim milk; and 45-city average for ice cream and cheese, at stores.

Table 21.--U.S. production, January 1977 to date, with comparisons

Month	Milk 1/		Butter 2/		Total cheese		Nonfat dry milk 2/		Frozen desserts	
	1977*	1976**	1977*	1976**	1977*	1976**	1977*	1976**	1977*	1976**
	Bil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. gals.		
Jan.	9.9	9.6	105.6	94.3	264.8	249.0	71.5	67.0	69.9	74.4
Feb.		9.3		85.4		241.2		71.1		77.3
Mar.		10.3		89.3		275.0		78.4		102.0
Apr.		10.5		87.6		297.0		87.6		99.9
May		11.1		94.0		313.6		104.9		100.6
June		10.8		84.0		320.0		108.9		118.1
July		10.5		72.4		296.6		94.7		119.2
Aug.		10.1		66.0		284.0		75.2		113.9
Sept.		9.6		63.4		267.5		61.2		101.2
Oct.		9.6		78.2		256.2		61.6		81.6
Nov.		9.2		77.3		252.1		54.5		75.8
Dec.		9.7		91.8		274.9		72.8		72.9
Year to date	9.9	120.4	105.6	983.8	264.8	3,327.1	71.5	937.6	69.9	1,136.9

\* Preliminary.

\*\* Partially revised.

## 1/ "Milk Production," SRS.

2/ "Dairy Products," SRS. Frozen desserts include ice cream, ice milk, and sherbert.

Table 22.--Commercial and government storage holdings, January 1977 to date, with comparisons

\* Preliminary.

\*\* Based on partially revised data.

1/ End of month.

2/ "Cold Storage Reports," SRS.

### 3/ "Dairy Products," SRS.

4/ "Summary of Processed

Table 23.--U.S.D.A. purchases (Delivery basis), January 1977 to date, with comparisons

Month	Butter 1/	American cheese 1/	Nonfat dry milk	Milk equivalent of net U.S.D.A. purchases 2/
	1977	1976	1977	1976
	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.
Jan.	32,411	0	17,849	0
Feb.	:	0	:	0
Mar.	:	0	:	0
Apr.	:	384	:	504
May	:	0	:	1,109
June	:	0	:	3,058
July	:	0	:	6,216
Aug.	:	0	:	0
Sept.	:	0	:	0
Oct.	:	4,864	:	403
Nov.	:	14,215	:	8,721
Dec.	:	19,953	:	17,969
Year to date	32,411	39,416	17,849	37,980

1/ "Dairy Price Support Activity Report," ASCS.

2/ U.S.D.A. purchases (delivery basis) of butter, cheese, and evaporated milk, minus U.S.D.A. domestic sales for unrestricted use of butter and cheese; include purchases under price support, Section 709, Section 32, and Section 4A programs. Minuses denote domestic sales exceed purchases.

3/ Includes 7 million pounds (milk equivalent) of evaporated milk.

4/ Includes 47 million pounds (milk equivalent) of evaporated milk.

## Producer-Handlers in Federal Milk Order Markets\*

The Farmer-to-Consumer Direct Marketing Act of 1976, which became law in October, has as its purpose to promote, through appropriate means and on an economically sustainable basis, the development and expansion of direct marketing of agricultural commodities from farmers to consumers. One example of this marketing concept exists today in the dairy industry—producer-handlers. Basically, a producer-handler (producer-distributor) is a dairy farmer who bottles milk from his own cows in his own plant and sells these products directly to fluid milk customers.

Under Federal milk orders, producer-handlers are regulated to the extent that they must file reports to the market administrator and maintain adequate books and records so these reports can be verified. These records must prove the producer-handler's eligibility for exemption from the pooling and pricing provisions of the order. The requirements for exemption vary somewhat from order to order and from time to time. Generally, producer-handlers must operate a personal enterprise at their own risk, their sources of milk supply are confined to their own production plus limited receipts from pool plants, and they must sell fluid milk products in the marketing area. There are no limits, however, on the amount of milk that producer-handlers may ship to regulated handlers.

In order to determine the number and relative importance of producer-handlers in Federal milk orders markets today, and to compare these relationships to earlier periods, a survey was made of their operations in October 1976. Similar surveys have been made covering selected years 1959 through 1973. No attempt has been made to make the data comparable from year to year because many markets were newly regulated, merged, expanded, or terminated, and order provisions regarding producer-handlers sometimes were changed. As a result, the figures represent the situation in the respective year.

Some highlights of this most recent survey with comparisons to earlier periods are:

- (1) In October 1976, 396 producer-handlers operated in 32 out of 50 Federal milk order markets. Over the period 1959 through 1973, at least half of all the markets reported producer-handler operations. The average number of producer-handlers fluctuated from a low of 7.8 in 1967 to a high of 12.4 in 1976, with no apparent trend. See table 1.
- (2) Producer-handlers increased in size over the period examined. Average fluid in-area milk sales increased from 34,645 pounds in October 1959 to 130,996 pounds in October 1976. The share of fluid milk sales in the marketing areas where they operated increased to 1.9 percent in October 1976. This share generally increased from 1.2 percent in October 1959 to a peak of 2.4 percent in 1967, and then decreased to 1.6 percent in 1973. See table 1.
- (3) Although there were 32 markets which reported producer-handlers in October 1976, 20 of these reported five or fewer. There were seven markets that reported 21 or more producer-handlers. See table 2.

(4) In October 1976, the Eastern Ohio-Western Pennsylvania market reported 77 producer-handlers. In each of the eight years considered, the New England order and its predecessors and the Puget Sound order were consistently among the top ten markets in the number of producer-handlers reported. More recently, the Oregon-Washington, Middle Atlantic and Central Arizona markets are among the leaders. See table 3.

(5) In October 1976, producer-handlers accounted for nearly 15 percent of in-area fluid milk sales in the Puget Sound market. In four other marketing areas, producer-handlers represented more than seven percent of in-area fluid milk sales. The proportion of sales accounted for by producer-handlers in the top ten markets increased from 3.5 percent in October 1959 to a peak of 9.6 percent in October 1967, and is currently at 7.6 percent. Most of the markets in the top ten, in October 1976, are located in the western part of the United States. See table 5.

(6) In May 1976, producer-handlers in 19 markets shipped nearly 2.5 million pounds of milk to pool plants. This volume represented 0.18 percent of the total packaged disposition at those pool plants. In October 1976, producer-handlers in 18 markets shipped slightly more than 1.4 million pounds of milk to pool plants. This volume represented 0.11 percent of the total packaged disposition at those pool plants. Most of these shipments were in the form of milk. However, small amounts also were transferred as cream and skim milk.

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\* Prepared by John P. Rourke and Howard D. Leathers

Table 1.—Number and average sales of producer-handlers reported under Federal milk orders, for selected years, October 1959–1976

Year	Federal orders in effect 1/	Orders reporting producer- handlers	Percentage of orders reporting	Producer- handlers reported	Average number per order	Average sales per producer- handler	In-area sales accounted for by producer- handlers in reporting mnts.
		Number	Percent	Number	Percent	1,000 lb.	Percent
1959	74	38	51.4	34.8	9.2	34,645	1.2
1961	79	41	51.9	402	9.8	42,543	1.4
1963	81	45	55.6	389	8.6	53,379	1.4
1965	73	43	58.9	386	9.0	64,571	1.6
1967	72	44	61.1	344	7.8	112,090	2.4
1969	66	42	63.6	421	10.0	100,654	2.1
1973	60	40	66.7	341	8.5	111,158	1.6
1976	50	32	64.0	396	12.4	130,996	1.9
Av.	69	41	59.4	378	9.2	81,254	1.7

1/ For the years 1959–1973, the figures represent the number of orders for which data were available.

Table 2.—Number of Federal order markets reporting various numbers of producer-handlers, for selected years, October 1959—October 1976

Number of producer- handlers reported	Number of markets						Av.
	Oct. 1959	Oct. 1961	Oct. 1963	Oct. 1965	Oct. 1967	Oct. 1969	
0	36	:	38	:	36	:	28
1-5	24	:	26	:	28	:	24
6-10	4	:	4	:	7	:	11
11-20	5	:	3	:	6	:	2
21-30	2	:	5	:	0	:	1
Over 30	3	:	3	:	4	:	4

Table 3.—Top ten markets in number of producer-handlers reported, for selected years, October 1959-1976

Rank		Oct. 1959	Oct. 1961	Oct. 1963	Oct. 1965	Oct. 1967	Oct. 1969	Oct. 1973	Oct. 1976
1	Conn.	Conn.	Conn.	Conn.	Mass.-R.I.-N.H.	Mass.-R.I.-N.H.	E. Ohio-W. Pa.	E. Ohio-W. Pa.	E. Ohio-W. Pa.
2	S.E. New Eng.	S.E. New Eng.	Puget Sound	Great Basin	Great Basin	Great Basin	Oregon-Wash.	Oregon-Wash.	Oregon-Wash.
3	Boston	Great Basin	Great Basin	Conn.	Conn.	Mass.-R.I.-N.H.	Boston Regional	New England	New England
4	Clarksburg	Boston	S.E. New Eng.	Puget Sound	Puget Sound	Puget Sound	Puget Sound	Puget Sound	Puget Sound
5	Puget Sound	Puget Sound	Boston	Rio Grande Valley	Rio Grande Valley	Rio Grande Valley	Rio Grande Valley	Great Basin	Great Basin
6	Wichita	Clarksburg	Worcester	Southern Michigan	Southern Michigan	Neosho Valley	Neosho Valley	N. Jersey 33 1/2	N. Jersey 26
7	Kansas City	Southern Michigan	Southern Michigan	Clarksburg	Clarksburg	Eastern Colorado	Chicago Regional	Conn.	Puget Sound 26
8	Wheeling	Worcester	Clarksburg	Delaware Valley	Kansas City	Upper Florida	Chicago Regional	Rio Grande Valley	Rio Grande Valley
9	Neosho Valley	Kansas City	Rio Grande Valley	Kansas City	Kansas City	Upper Florida	Neosho Valley	Middle Atlantic	Central Arizona
10	Oklahoma Metrop.	Wichita	Kansas City	Neosho Valley	Tampa Bay & Oklahoma	Eastern Colorado	Central Arizona	Eastern Colorado	Eastern Colorado

1/ First year for which complete data were available.

Table 4.—Number of Federal order markets reporting various percentages of in-area fluid milk sales accounted for by producer-handlers, for selected years, October 1959-1976

Percentage of in-area sales accounted for by producer-handlers:	Number of markets					
	Oct. 1959	Oct. 1961	Oct. 1963	Oct. 1965	Oct. 1967	Oct. 1969
0.1-1.0	21	22	23	23	22	23
1.1-2.0	7	6	7	9	9	7
2.1-4.0	7	6	9	5	5	3
4.1-6.0	2	5	3	2	1	1
over 6.0	1	2	3	4	6	5

Table 5.—Top ten markets in percent of in-area sales accounted for by producer-handlers, for selected years, October 1959-1976

Rank		Oct. 1959	:	Oct. 1961	:	Oct. 1963	:	Oct. 1965	:	Oct. 1967	:	Oct. 1969	:	Oct. 1973	:	Oct. 1976
1	Colorado : Springs- Pueblo :	Great Basin	:	Great Basin	:	Great Basin	:	Tampa Bay	:	Western Colorado	:	Puget Sound	:	Puget Sound	:	Puget Sound
	6.4	6.5	:	7.4	:	10.6	:	16.8	:	*	:	14.1	:	14.8	:	14.8
2	Clarksburg : Colorado : Springs- Pueblo :	Puget Sound	:	Rio Grande Valley	:	Upper Florida	:	Upper Florida	:	Rio Grande Valley	:	Rio Grande	:	Great Basin	:	Great Basin
	5.8	6.4	:	6.6	:	10.3	:	15.6	:	13.9	:	9.2	:	8.8	:	8.8
3	S.E. : Springfield : Colorado : Springs- New Eng. : Pueblo :	Colorado	:	Puget Sound	:	Rio Grande	:	Rio Grande	:	Central Arizona	:	Central Arizona	:	Central Arizona	:	Central Arizona
	4.1	5.9	:	6.2	:	7.5	:	12.0	:	Valley	:	Valley	:	Valley	:	Valley
4	Rock River : Valley	Clarksburg	:	Springfield	:	Colorado	:	Great Basin	:	Great Basin	:	Oregon- Wash.	:	Rio Grande	:	Rio Grande Valley
	*	*	:	5.7	:	5.7	:	6.6	:	11.7	:	9.0	:	8.1	:	8.1
5	Puget Sound :	Worcester	:	Neosho Valley	:	Central Arizona	:	Tampa Bay	:	Neosho Valley	:	Neosho Valley	:	Eastern Colorado	:	Eastern Colorado
	3.8	5.3	:	5.3	:	4.3	:	7.9	:	9.8	:	6.7	:	7.1	:	7.1
6	Wichita : Puget Sound :	Clarksburg	:	Central Arizona	:	Puget Sound	:	Central Arizona	:	Central Arizona	:	Great Basin	:	Oregon- Wash.	:	Oregon- Wash.
	3.1	5.2	:	4.5	:	4.2	:	6.9	:	8.0	:	5.6	:	6.8	:	6.8
7	Neosho : S.E. : New Eng. :	Neosho Valley	:	Duluth- Superior	:	Neosho Valley	:	Neosho Valley	:	Puget Sound	:	Western Colorado	:	Neosho Valley	:	Neosho Valley
	3.1	4.4	:	3.6	:	3.7	:	5.1	:	5.9	:	*	:	*	:	4.0
8	Miss. Delta. : * : Fort Smith :	S.E. : Neosho Valley	:	Calrksburg	:	Madison	:	Neosho Valley	:	Eastern Colorado	:	Eastern Colorado	:	Western Colorado	:	Upper Florida
	*	3.5	:	3.3	:	3.5	:	4.1	:	4.2	:	4.5	:	*	:	*
9	Kansas City : Wichita :	Connecticut: Rio Grande	:	Eastern Valley	:	Eastern	:	Eastern	:	E. Ohio- W. Pa.	:	Ohio- W. Pa.	:	Upper Florida	:	Upper Florida
	1.9	2.6	:	3.0	:	2.5	:	*	:	4.1	:	2.0	:	*	:	*
10	Wtd. av. (Pct.)	3.5	:	4.5	:	4.7	:	5.4	:	9.6	:	9.0	:	5.6	:	7.6

\* Restricted. Represents sales made by fewer than three producer-handlers, which cannot be shown without revealing the volume of their individual businesses.

## HOW FEDERAL MILK ORDER MARKET STATISTICS ARE DEVELOPED AND WHAT THEY MEAN

Federal milk orders were effective in 50 milk marketing areas on January 1, 1977. The statistical data collected under the Federal milk order program are an important segment of the information needed to administer the orders. These data also are compiled and released for the use of persons who are interested in comprehensive information on milk supplies, utilization, and sales, as well as prices established under the various milk orders.

Statistical Bulletin No. 248, "Federal Milk Order Market Statistics, 1947-56," and annual compilations thereafter, contain historical data about Federal milk orders. A public release of monthly information is made in a monthly report also entitled "Federal Milk Order Market Statistics."

### WHAT IS A FEDERAL MILK MARKETING ORDER?

It is a regulation issued by the Secretary of Agriculture which places certain requirements on the handling of milk in the area it covers. It is established under the authority of the Agricultural Marketing Agreement Act of 1937, as amended. It requires that handlers of milk for a marketing area pay not less than certain minimum class prices established according to how the milk is utilized. These prices are established under the order after a public hearing at which evidence is received on the supply and demand conditions for milk in the market. A milk order, including the pricing provisions and all other provisions, becomes effective only after approval by dairy farmers. It requires that payments for milk be pooled and paid to individual farmers or cooperative associations of farmers on the basis of a uniform or average price.

### WHY FIGURES ARE COLLECTED?

In order to determine how much milk handlers use in each price class, they are required to file reports showing their receipts of milk from each source and the quantity used or disposed of in each form. Receipts of milk directly from farms and receipts from other plants are reported separately. All major fluid milk products and manufactured milk products are listed on the report form and handlers are required to specify the volume and butterfat content of milk used in each product. From these reports data are compiled and totaled for each market.

On the basis of these reports, the market administrator makes preliminary computations of each handler's obligation and calculates the minimum price he must pay producers. The market administrator is the Federal official in each market who, with the assistance of a staff, administers the terms of the Federal order.

### ARE FIGURES VERIFIED?

Following the receipts of reports from handlers and the computation of this preliminary statement of handlers' obligations, the market administrator sends auditors to handlers' plants where they examine books and records of plant operations to determine whether milk was actually used as reported and whether required payments were made to producers. Thus, reported data are subject to audit.

Since Federal milk order statistics are developed from complete records of the quantities of milk priced under Federal orders rather than sample data, they provide reliable market information. In using these data, however, it is important to understand the character of fluid milk markets, the scope of data collected and reported under Federal orders, and certain limitations in the use of the data.

#### FEDERAL ORDER TERMS

Marketing Area. A marketing area is a designated trading area within which the handling of milk is regulated by the Federal order. Generally, the size of the marketing area is determined by the sales territory of competing handlers.

Producer. A producer is usually any dairy farmer who sells milk to a pool handler. He must not be a producer-handler; he must produce milk in compliance with Grade A or similar inspection requirements; and his milk must either be received at a pool plant or diverted to a nonpool plant for the account of a pool handler.

Handler. A handler is a person or business entity, either a milk processor or a milk distributor, who is subject to the provisions of the orders. Under most orders he is any milk dealer whose plant is approved by a duly constituted health authority, and who disposes of Grade A fluid milk products in the marketing area. Handlers include persons who sell milk to other milk dealers as well as persons who sell milk to consumers and retailers.

Federal orders provide for three general types of handlers. They are:

- A. Operators of Pool Plants (Pool Handler). Operators of plants which meet minimum performance standards included in each order and which are subject in full to the provisions of an order. There are three types of pool plants--distributing plants, supply plants, and cooperative association plants.
- B. Operators of Nonpool Plants. Operators of plants from which fluid milk products are disposed of in the marketing area or to pool plants, but which do not meet the requirements for pooling. There are four types of nonpool plants--Other Order Plant, Producer-Handler Plant, Partially Regulated Distributing Plant, and Unregulated Supply Plant.
- C. Cooperative Associations. Cooperatives which operate pool plants qualify as handlers. Also, a cooperative may have pool handler status under most Federal milk marketing orders if it either diverts producer milk or delivers its members' bulk tank milk directly to pool plants.

Classes of Milk. Classes of milk are defined in each Federal order and in some cases vary from market to market. Therefore, the order itself is the only source of complete information regarding the classification of milk in a given market. (For complete information on orders, see U.S. Code of Federal Regulations, Title 7, Parts 1000 to 1199.)

Most orders provide for three classes. In general, if milk is disposed of by a handler as whole milk, lowfat milk, or skim milk, it is classified as Class I milk. If milk is disposed of as fluid cream or in soft manufactured products such as cottage cheese and frozen desserts, it is Class II; and if disposed of in hard manufactured products such as cheese, butter, and milk products in dry form, it is Class III.

#### WHAT IS INCLUDED IN RECEIPTS, SALES, AND PRICES

Receipts. Federal milk order statistics include volumes of milk received by handlers regulated under each of the Federal orders. The volume of milk reported as received by handlers from producers includes all such milk regardless of where it may be sold. Milk identified as received from producers for a given market may come directly from nearby producers or from producers associated with a pool supply plant which is located several hundred miles from the marketing area.

Class I producer milk is the quantity of milk delivered by producers for which handlers were required to pay the minimum Class I price established by the orders. Total (or gross) Class I milk includes any milk from sources other than producers which is assigned to Class I.

Sales. In Federal order market statistics, an important distinction is made between sales of fluid milk products in a marketing area and fluid milk and cream dispositions by handlers regulated in a market. The latter are total dispositions by the handlers fully regulated under an order and include their disposition both inside and outside the defined marketing area of that order. Besides receipts from producers, these dispositions also may include receipts from other Federal order plants and/or receipts from other sources.

On the other hand, in-the-marketing-area fluid milk sales (whole milk items and lowfat and skim milk items) represent sales in each of the marketing areas by handlers regulated under the respective order, by handlers regulated under other Federal orders, by partially regulated handlers, and by producer-handlers. These data are useful in appraising trends in sales of fluid milk products which are due to changes in population and per capita consumption in the Federal order marketing area.

Order amendments may change marketing areas. In those instances, sales are shown for such marketing areas, if possible, for an entire year--both according to the area before the change was made and according to the defined area after the change. This permits year-to-year comparisons, both before and after the change.

Prices. All prices reported for Federal milk order markets are the minimum prices required to be paid under order terms. Handlers may pay prices in excess of these minimum amounts. Any such payments in excess of Federal order prices are in no way enforced by Federal milk orders and are not reported in Federal milk order statistics.

Class I Prices. In all markets the Class I price is based on the Minnesota-Wisconsin price. To this price is added a fixed differential stated in the order. In addition, the level of Class I prices may be limited by a tie to another market.

Manufacturing Class Prices. Prices for producer milk used in classes other than Class I are related to the Minnesota-Wisconsin price series. In a few orders the prices for milk used in other than Class I are based on the lower of the Minnesota-Wisconsin price or a butter-powder formula price.

Uniform (Blend) Prices. In Federal order markets, minimum prices required to be paid producers are termed uniform or "blend" prices. In markets where marketwide pools are used, the blend price is the weighted average of all class values of milk used by all handlers, and all producers must be paid at least this average price per hundredweight, subject to butterfat and location differentials. For orders which provide for individual handler pools, the blend price reported in statistics for each market is a weighted average of all such individual handlers' blend prices. In markets where producer prices are established in terms of a base price and an excess price, the blend price reported represents the weighted average of base and excess payments.

Location Differentials. The Class I price announced by the market administrator is subject to adjustment, depending on the location of the plant. Nearly all orders provide for downward adjustment of prices at plants which are distant from the major consuming centers to reflect the cost of hauling milk to the city. Generally, Class I prices are progressively lower with increasing distance from the basing point (usually the major city in the marketing area).

Blend prices and base prices paid to producers are subject to adjustment, depending on the location of the plant where the producer ships his milk. The adjustment is the same as the location adjustments applied to the Class I price.

Butterfat Differentials. All Federal order prices are quoted on a 3.5 percent butterfat basis. To adjust prices for a higher or lower butterfat content, a butterfat differential is used. The butterfat differential is the amount by which the applicable price is increased or decreased for each one-tenth of one percent that the butterfat content of the milk is above or below 3.5 percent. The butterfat differential does not represent the value of butterfat, but reflects the difference between the values of 0.1 pound of butterfat and 0.1 pound of skim milk.

Seasonal Incentive Payment Plans. Two methods are used in Federal milk orders to encourage more even production of milk throughout the year. They are: Louisville (takeout and payback) plans and seasonal base plans for paying producers.

- A. Louisville Plans. The market administrator withholds a specified amount from the blend price in each of several spring months when milk production is seasonally high and puts it into a special fund. In each of several fall months when milk production declines, a proportion of the total amount withheld is paid to producers.

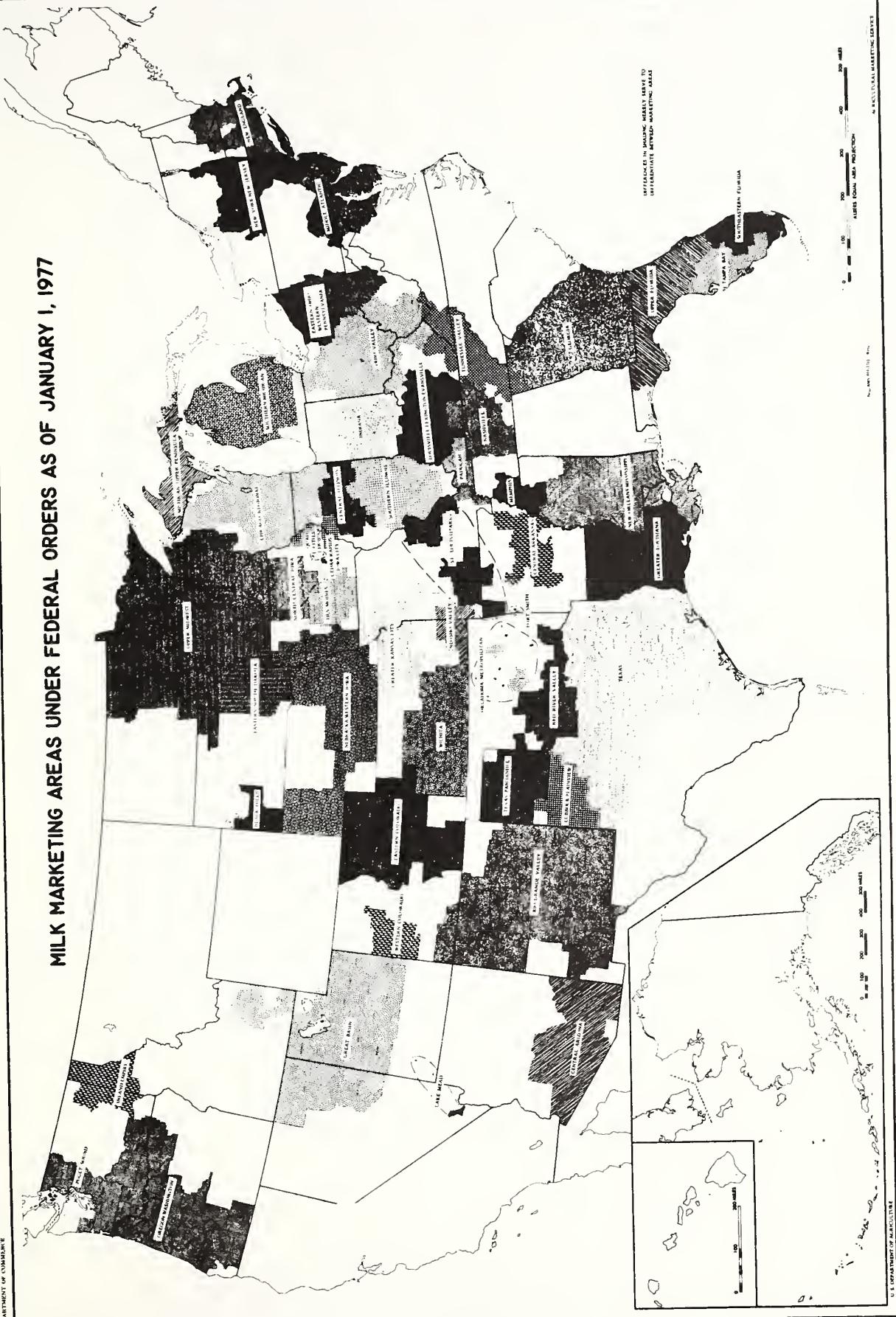
B. Seasonal Base Plans. Each year each producer establishes a base equal to his average daily delivery of milk during the season of low production for the market. The base forming period is specified in the order and need not be limited to one year. During the base-paying months, a producer is paid a higher price for the portion of his milk that does not exceed his base, and a lower price (approximately equal to the surplus class price) for deliveries that exceed his base.

Class I Base Plans. The Food and Agriculture Act of 1965, as extended and revised by the Agriculture Act of 1970, provides that producer bases may be limited to higher-valued fluid sales. Deliveries by a producer in excess of his base would be at the surplus milk price. The Agriculture and Consumer Protection Act of 1973 extended the expiration date of the revised Class I base plan authority to December 31, 1977. However, Class I base plans issued prior to this date may continue in effect through December 31, 1980. As of January 1, 1977, only the Puget Sound and Georgia markets have incorporated Class I base plans into their orders.

#### SUMMARY OF STATISTICS FOR ALL FEDERAL ORDER MARKETS

In order to measure certain changes in a group of markets, Federal milk order statistics have been summarized to show data for a group of markets which have been in continuous regulation and which have had no significant marketing area expansions from January 1 of one year through December 31 of the following year. However, comparability of data (producer receipts, Class I sales, and milk disposed of in fluid milk and cream products and in manufactured products) can be affected by changes in order provisions other than marketing area changes. These may include changes in classification, pricing, handler definitions, etc. Also, noticeable differences can occur in data because of changes in marketing practices which result in changes in the number of producers or plants associated with the particular Federal order market concerned.

MILK MARKETING AREAS UNDER FEDERAL ORDERS AS OF JANUARY 1, 1977



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MAJOR ORDER ACTIONS, JANUARY 1977

Amendments:

Middle Atlantic - January 1 (41 FR 46448, 10/21/76). The rate of deduction for the advertising and promotion program is increased from 5 cents to 7 cents per hundredweight with respect to marketings on and after January 1, 1977.